BT-16
(CHAPTER 6)
MAY 1969

VOLUME II

TECHNICAL MANUAL

CIRCUIT DIAGRAMS, SIGNAL LISTS, AND WIRE LISTS

FOR

AGENT SET

(PART NO. 4802-1000-501)

USED WITH

D830 INFORMATION PROCESSING SYSTEM

PROPRIETARY DATA - NOT FOR PUBLICATION

Burroughs Corporation
Defense, Space and Special Systems Group

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First Revision:	May 1969

CHAPTER 6

AGENT SET CIRCUIT DIAGRAMS, SIGNAL LISTS, AND WIRE LISTS

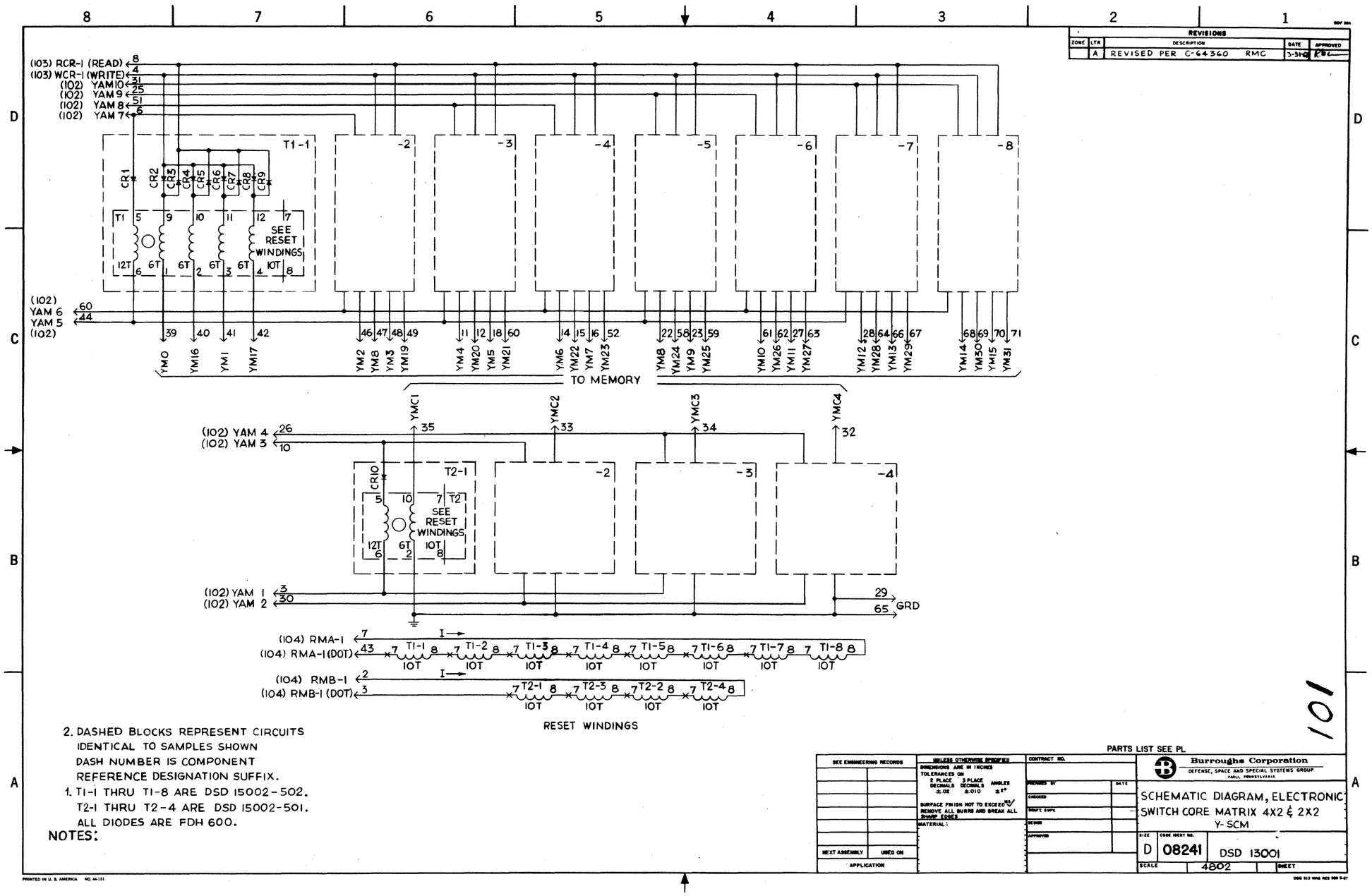
6-1. INTRODUCTION

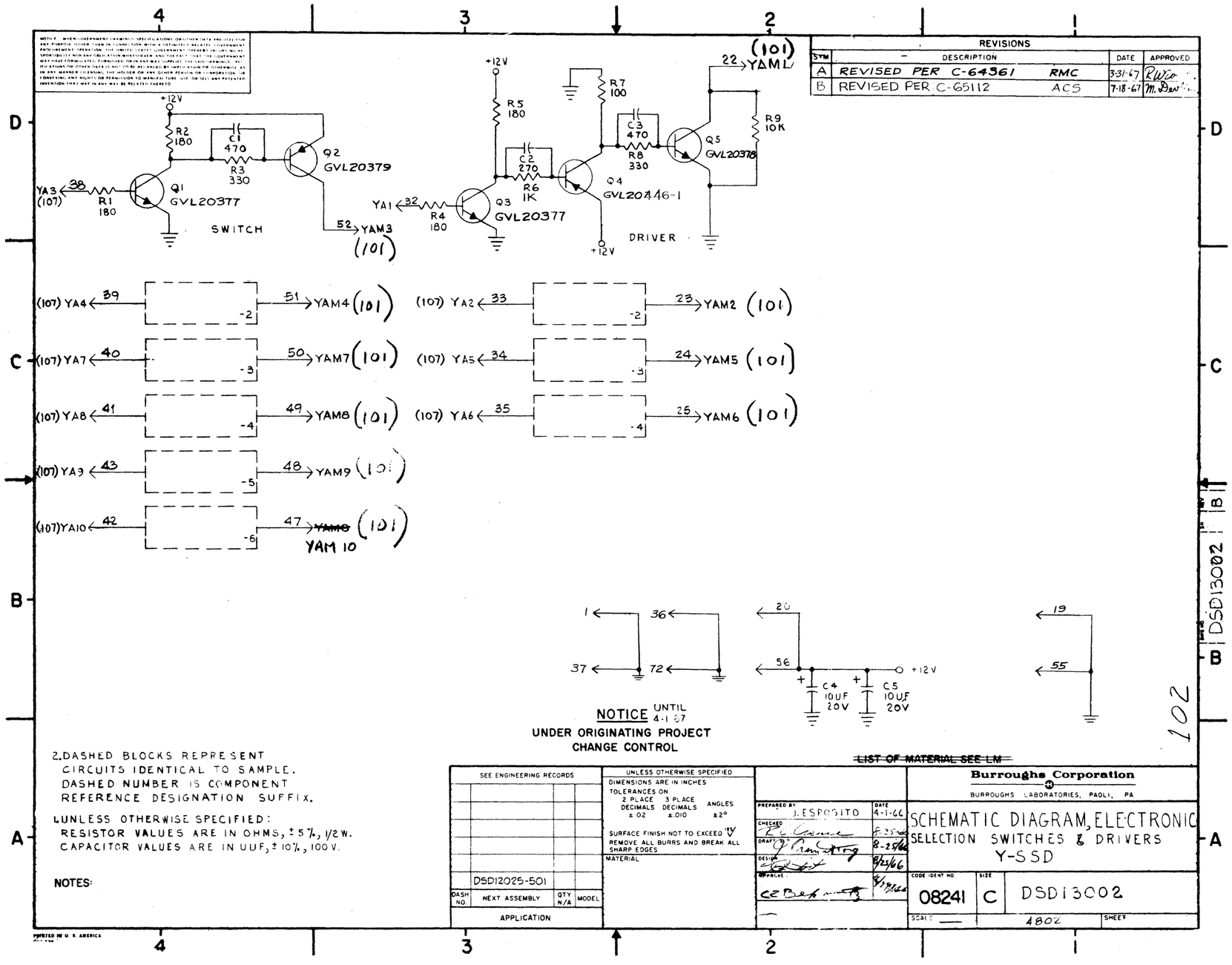
6-2. This chapter contains the engineering drawings and lists applicable to the agent set. These diagrams and lists include a set of card logic diagrams, electrical schematics, signal lists, and wire lists. The diagrams and lists included in this chapter and the corresponding page numbers on which they can be found are as follows:

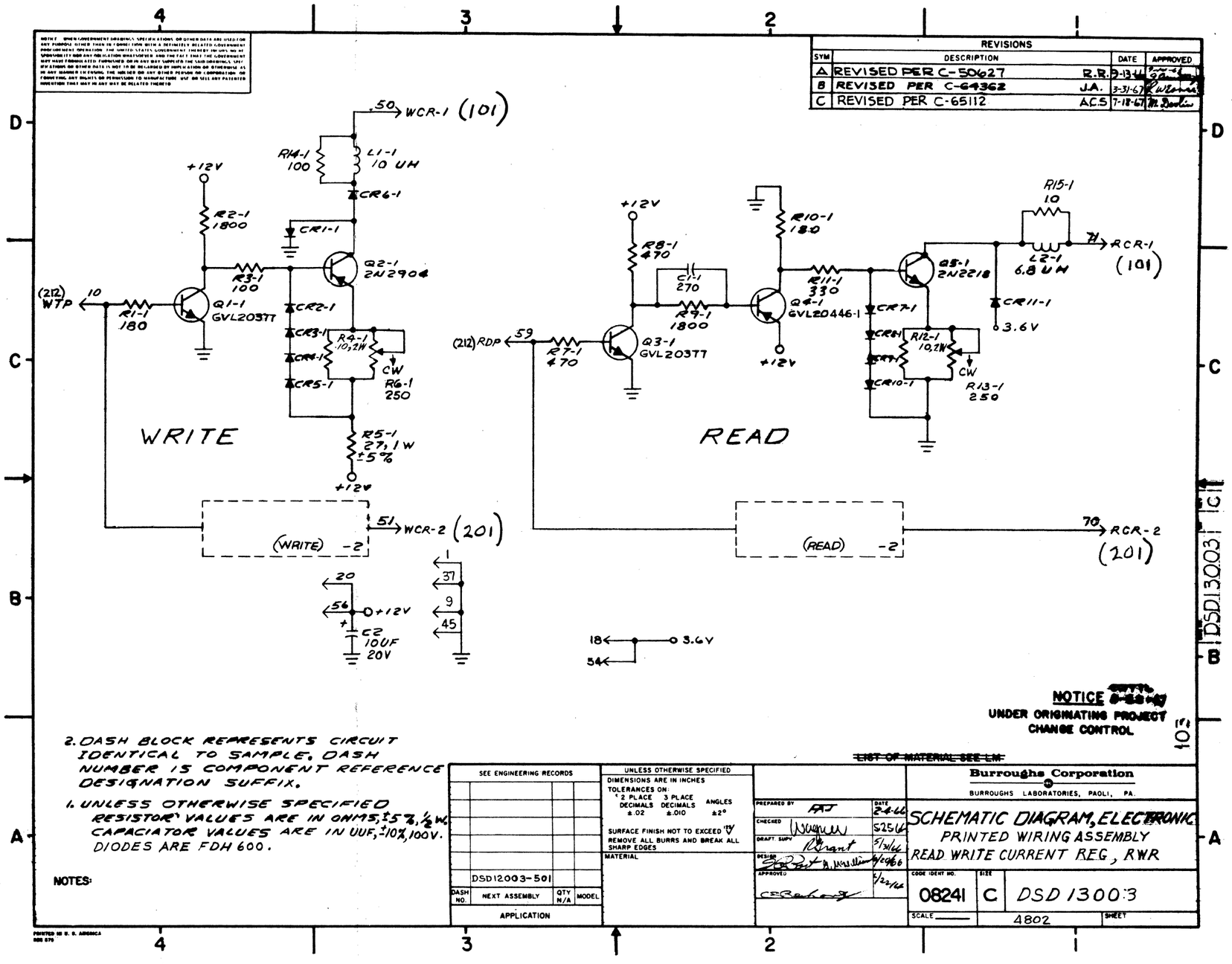
Engineering Drawing No.	Title	Page
DSD13001	Y Switch Core Matrix (SCM) Schematic (101)	6-4
DSD13002	Y Switches and Drivers (SSD) Schematic (102)	6-5
DSD13003	Read-Write Regulator (RWR) Schematic (103)	6-6
DSD13004	Matrix Reset Drivers and Driver Power Supply (DPS) Schematic (104)	6-7
DSD13005	End-of-Page Detection (EPD) Logic Diagram (105)	6-8
DSD13006	Memory Address Counter (MAC) Logic Diagram (106)	6-9
DSD13007	Memory Address Decoder (MAD) Logic Diagram (107)	6-10
DSD13008	Display Register (DPR) Logic Diagram (108)	6-11
DSD13010	A-Test Connector Card (ATC) Schematic (110)	6-12
DSD13011	B-Test Connector Card (BTC) Schematic (111)	6-13
DSD13012	Memory Timing Counter (MTC) Logic Diagram (112)	6-14
DSD13013	Timer Oscillator and Clock (TOC) Schematic (113)	6-15
DSD13014	Character Load Control (CLC) Logic Diagram (114)	6-16
DSD13015	Field Identifier Load Control (FLC) Logic Diagram (115)	6-17
DSD13016	Cursor Vertical Position Counter (CVC) Logic Diagram (116)	6-18
DSD13017	Horizontal and Vertical Position Counter (HVC) Logic Diagram (117)	6-19
DSD13018	Cursor Horizontal Position Counter (CHC) Logic Diagram (118)	6-20
DSD13019	Cursor Position Counter (CHC) Logic Diagram (119)	6-21
DSD13020	Cursor Position Control A (CPA) Logic Diagram (120)	6-22
DSD13021	Display Cycle Control (DCC) Logic Diagram (121)	6-23
DSD13022	Display Start Control (DSC) Logic Diagram (122)	6-24
DSD13024	X Switch Core Matrix (SCM) Schematic (201)	6-25

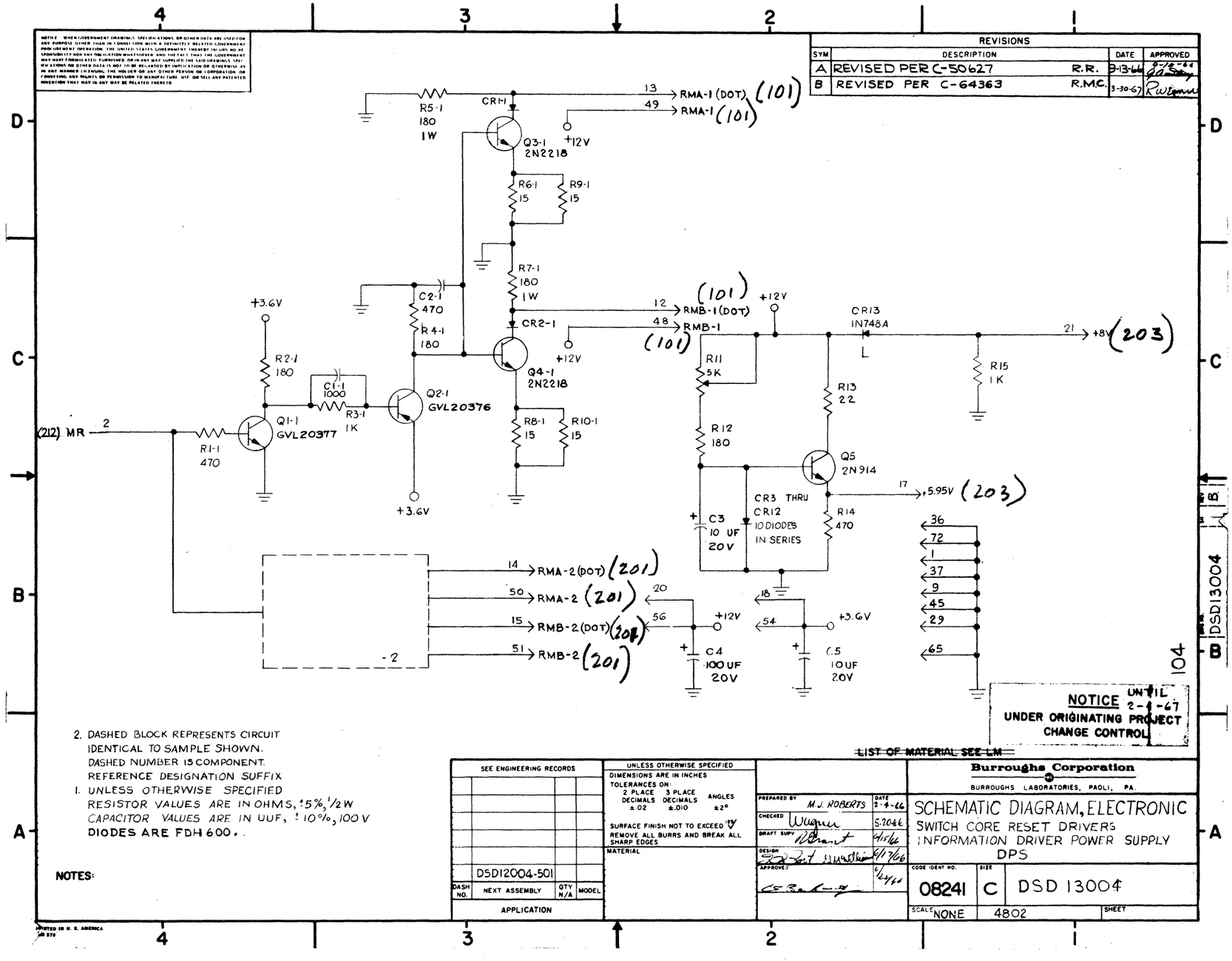
Engineering Drawing No.	Title	Page
DSD13025	X Switches and Drivers (SSD) Schematic (202)	6-26
DSD13026	Information Drivers (IND) Schematic (203)	6-27
DSD13027	Sense Amplifiers (SA) Schematic (204)	6-28
DSD13030	Buffer Register and Output Register Gating (BOR) Logic Diagram (207)	6-29
DSD13031	Output Register and Memory Input Gating (OIR) Logic Diagram (208)	6-30
DSD13032	Memory Information Register (IDG) Logic Diagram (209)	6-31
DSD13033	Transmit Control (TC) Logic Diagram (210)	6-32
DSD13034	Load Search Control (LSC) Logic Diagram (211)	6-33
DSD13035	Memory Transfer Control (TRC) Logic Diagram (212)	6-34
DSD13036	Count Pulse Generation (CPG) Logic Diagram (213)	6-35
DSD13037	Cursor Vertical Count and Address Register Count (ARC) Logic Diagram (214)	6-36
DSD13038	Input Storage and Input Data Register (SDR) Logic Diagram (215)	6-37
DSD13040	Input Register (IR) Logic Diagram (217)	6-38
DSD13041	Receive Input Control (RIC) Logic Diagram (218)	6-39
DSD13042	Keyboard and Retransmit Control (KRC) Logic Diagram (219)	6-40
DSD13043	Memory Input Load Control (MLC) Logic Diagram (220)	6-41
DSD13044	Encoder Stop Detector (ESD) Logic Diagram (221)	6-42
DSD13045	Encoder Counter (ENC) Logic Diagram (222)	6-43
DSD13039	Transmit Drivers (TIE) Schematic (216)	6-44
4802-1044	End-of-Character and Stroke Timing (EOC) Schematic (2 Sheets)	6-45
4802-1045	Character Memory Block Diagram	6-47
4802-1046	Resistor-Diode Matrix (RDM) Schematic	6-48
4802-1048	Bidirectional Stroke Generator Symbol Selection Matrix (BSG)	6-49
4802-1049	Keyboard Schematic	6-50
4802-1050	Digital/Analog Converter (D/A) Schematic	6-51
4802-1051	+3.6 volt, +12 volt Power Supply Schematic	6-52
4802-1052	Function Switch and Indicator Schematic	6-53
4802-1066	Deflection Amplifier (DA) Schematic	6-54
4802-1073	Z-Axis (Blanking) Amplifier Schematic	6-55
4802-1075	Monitor Chassis Schematic	6-56
4802-1092	Logic Unit Card Allocations - Agent Set	6-57
4802-1104	Matrix Assembly Character Font Diagram (4 Sheets)	6-58
4802-1113	Keyboard Wire List (5 Sheets)	6-62
4802-1122	Monitor Assembly Wire List (Function Switch and Indicators) (2 Sheets)	6-67
4802-1127	+12 volt, +3.6 volt Power Supply Wire List (2 Sheets)	6-69
4802-1134	Symbol Generator Wire List (3 Sheets)	6-71
4802-1144	Logic Unit AC/DC Power Schematic	6-74
4802-1147	Logic Unit AC/DC Power Wire List	6-75
4802-1148	Monitor Chassis Wire List (4 Sheets)	6-76
4802-1150	Deflection Coil Wire List	6-80

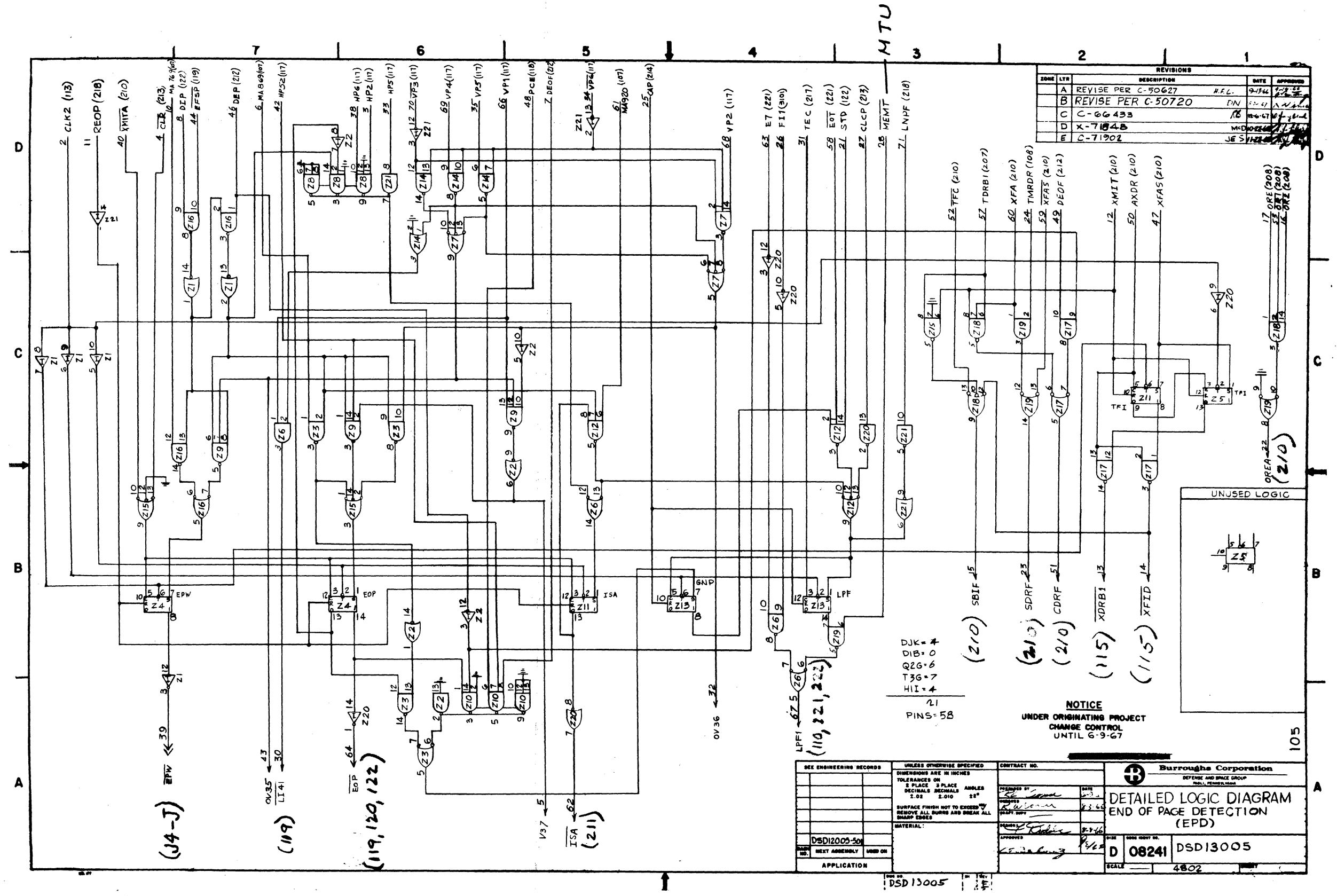
Engineering Drawing No.	Title	Page
4802-1161	Logic Unit Memory Wire Lists (3 Sheets).	6-81
4802-1167	Agent Set Signal List for Logic Unit Serial Nos. 0001 thru 0094 (24 Sheets)	6-84
4802-1171	Logic Unit Backplane to Connector Wire Lists (6 Sheets) . .	6-108
4802-1189	Logic Unit Power Bus Wire List.	6-114
4802-1194	Logic Unit Power Bus to Backplane Wire List (3 Sheets) . . .	6-115
4802-1237	Agent Set Signal List for Logic Unit Serial Nos. 0095 and Above (24 Sheets).	6-118

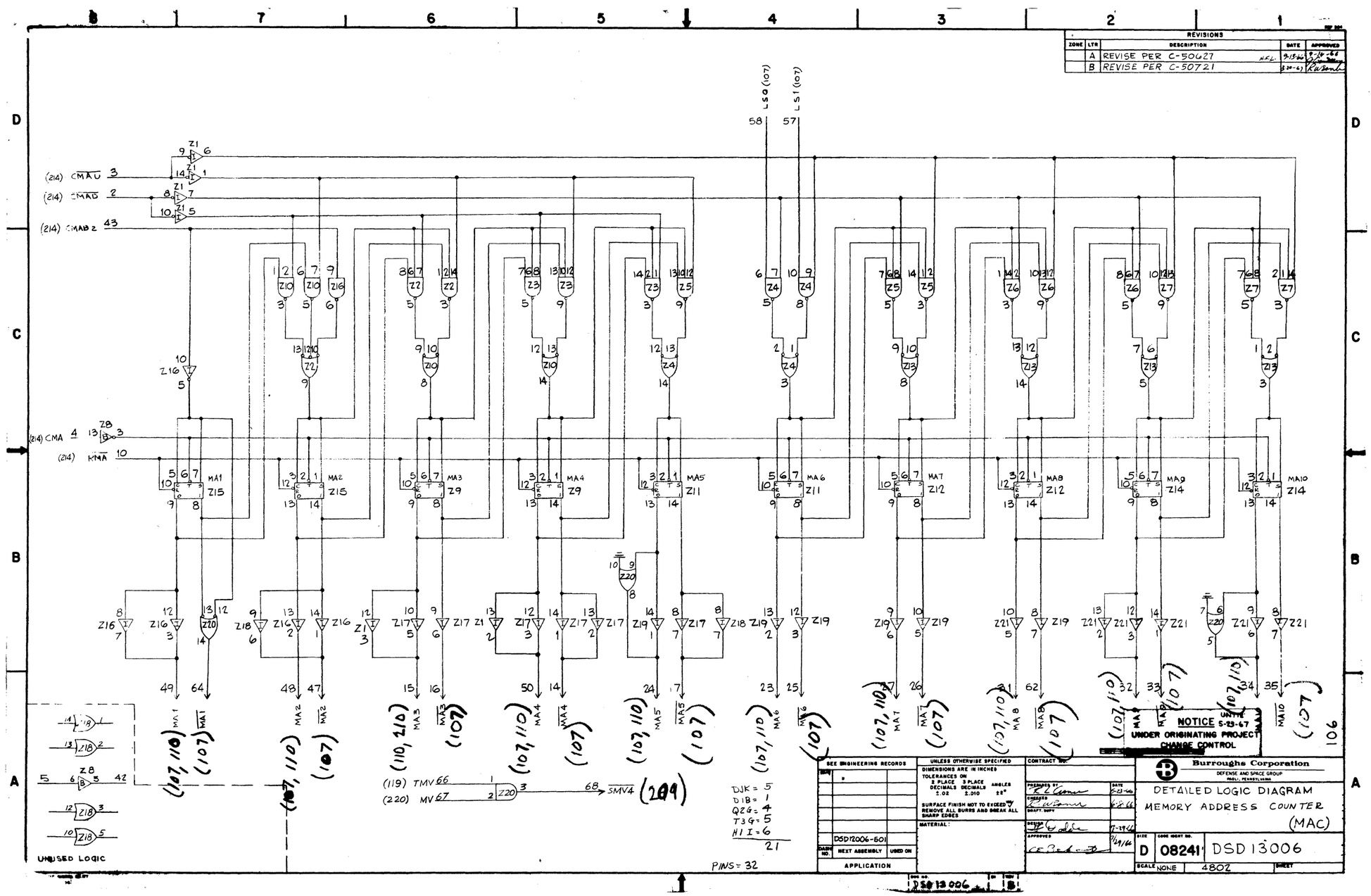

REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
A REVISED PER C-64360 RMC 3-31-67
(103) RCR-1 (READ)
(103) WCR-1 (WRITE)
(102) YAM10
(102) YAM 9
(102) YAM 8
(102) YAM 7
T1-1
-2
-3
-4
-5
-6
-7
-8
CR1
CR2
CR3
CR4
CR5
CR6
CR7
CR8
CR9
SEE RESET WINDINGS
12T
6T
10T
(102) YAM 6
(102) YAM 5
(102)
YM0
YM16
YM1
YM17
YM2
YM18
YM3
YM19
YM4
YM20
YM5
YM21
YM6
YM22
YM7
YM23
YM8
YM24
YM9
YM25
YM10
YM26
YM11
YM27
YM12
YM28
YM13
YM29
YM14
YM30
YM15
YM31
TO MEMORY
YMC1
YMC2
YMC3
YMC4
(102) YAM 4
(102) YAM 3
T2-1
CR10
SEE RESET WINDINGS
(102) YAM 1
(102) YAM 2
GRD
(104) RMA-1
(104) RMA-1 (DOT)
TI-1
TI-2
TI-3
TI-4
TI-5
TI-6
TI-7
TI-8
(104) RMB-1
(104) RMB-1 (DOT)
T2-1
T2-3
T2-2
T2-4
RESET WINDINGS
2. DASHED BLOCKS REPRESENT CIRCUITS IDENTICAL TO SAMPLES SHOWN DASH NUMBER IS COMPONENT REFERENCE DESIGNATION SUFFIX.
1. TI-1 THRU TI-8 ARE DSD 15002-502. T2-1 THRU T2-4 ARE DSD 15002-501. ALL DIODES ARE FDH 600.
NOTES:
PARTS LIST SEE PL
Burroughs Corporation
DEFENSE, SPACE AND SPECIAL SYSTEMS GROUP
PAOLI, PENNSYLVANIA
SCHEMATIC DIAGRAM, ELECTRONIC SWITCH CORE MATRIX 4X2 & 2X2 Y- SCM
SIZE D
CODE IDENT NO. 08241
DSD 13001
SCALE 4802
SHEET
101

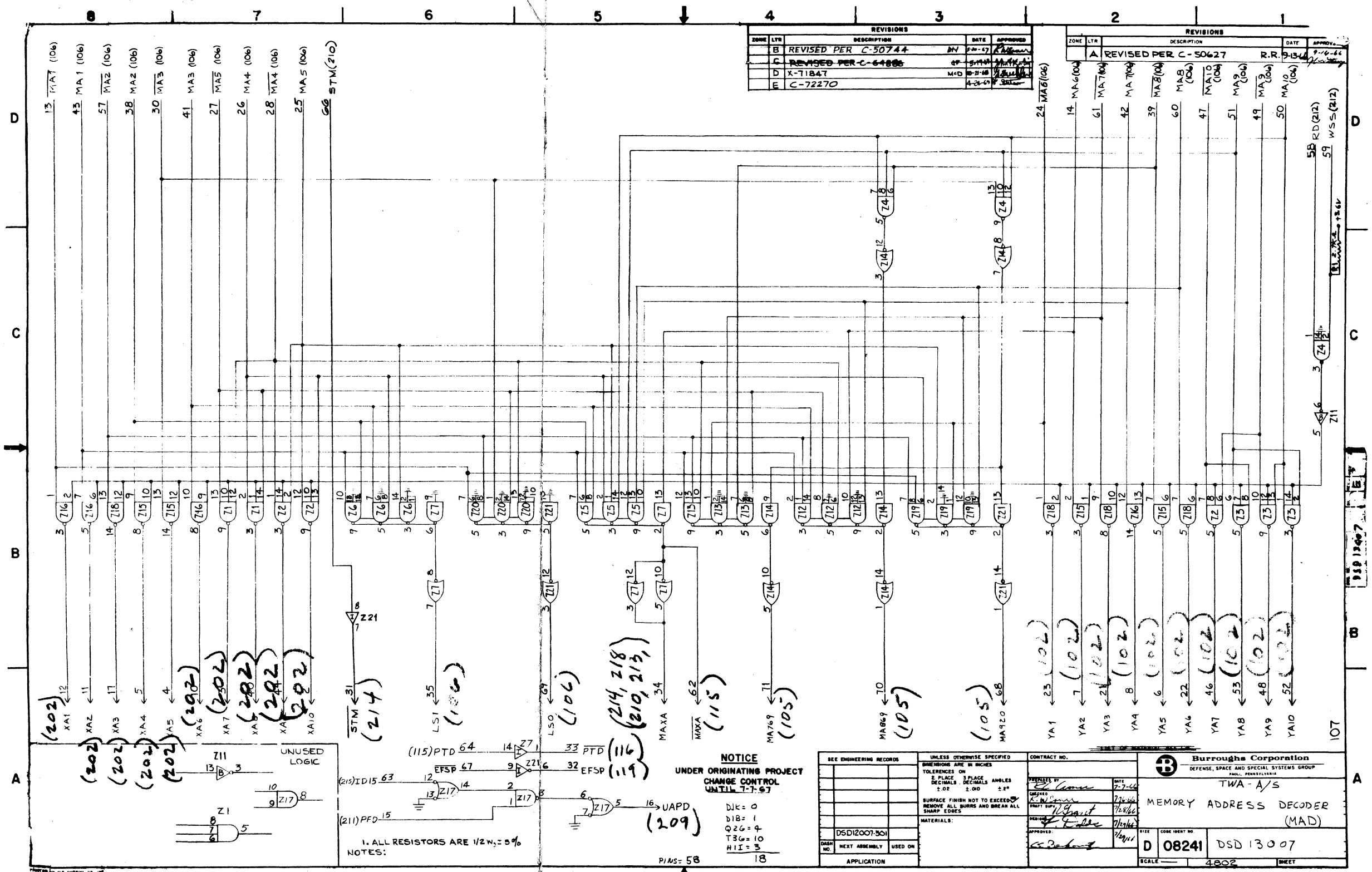

REVISIONS
SYM | DESCRIPTION | DATE | APPROVED
A | REVISED PER C-64361 RMC | 3-31-67
B | REVISED PER C-65112 ACS | 7-18-67
+12V
R2 180
C1 470
R3 330
Q2 GVL20379
Q1 GVL20377
YA3 (107) 38
R1 180
SWITCH
52 YAM3 (101)
R5 180
R7 100
C2 270
R6 1K
C3 470
R8 330
Q5 GVL20378
R9 10K
Q4 GVL20446-1
Q3 GVL20377
YA1 32
R4 180
DRIVER
22 (101) YAM1
(107) YA4 39
51 YAM4 (101)
(107) YA7 40
50 YAM7 (101)
(107) YA8 41
49 YAM8 (101)
(107) YA9 43
48 YAM9 (101)
(107) YA10 42
47 YAM10 (101)
(107) YA2 33
23 YAM2 (101)
(107) YA5 34
24 YAM5 (101)
(107) YA6 35
25 YAM6 (101)
1 36 37 72
20 56 +12V
C4 10UF 20V
C5 10UF 20V
19 55
NOTICE UNTIL 4-1-67
UNDER ORIGINATING PROJECT CHANGE CONTROL
2. DASHED BLOCKS REPRESENT CIRCUITS IDENTICAL TO SAMPLE. DASHED NUMBER IS COMPONENT REFERENCE DESIGNATION SUFFIX.
UNLESS OTHERWISE SPECIFIED: RESISTOR VALUES ARE IN OHMS, ± 5%, 1/2 W. CAPACITOR VALUES ARE IN UUF, ± 10%, 100 V.
NOTES:
LIST OF MATERIAL SEE LM
SEE ENGINEERING RECORDS
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON 2 PLACE DECIMALS ± .02, 3 PLACE DECIMALS ± .010, ANGLES ±2°
SURFACE FINISH NOT TO EXCEED
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL
DSD12025-501
DASH NO. | NEXT ASSEMBLY | QTY N/A | MODEL
APPLICATION
PREPARED BY J. ESPOSITO 4-1-66
CHECKED
DRAFTING
DESIGN
APPROVED
Burroughs Corporation
BURROUGHS LABORATORIES, PAOLI, PA
SCHEMATIC DIAGRAM, ELECTRONIC SELECTION SWITCHES & DRIVERS Y-SSD
CODE IDENT NO. 08241 | SIZE C | DSD13002
SCALE — | 4802 | SHEET
DSD13002 B
102
PRINTED IN U.S.A.

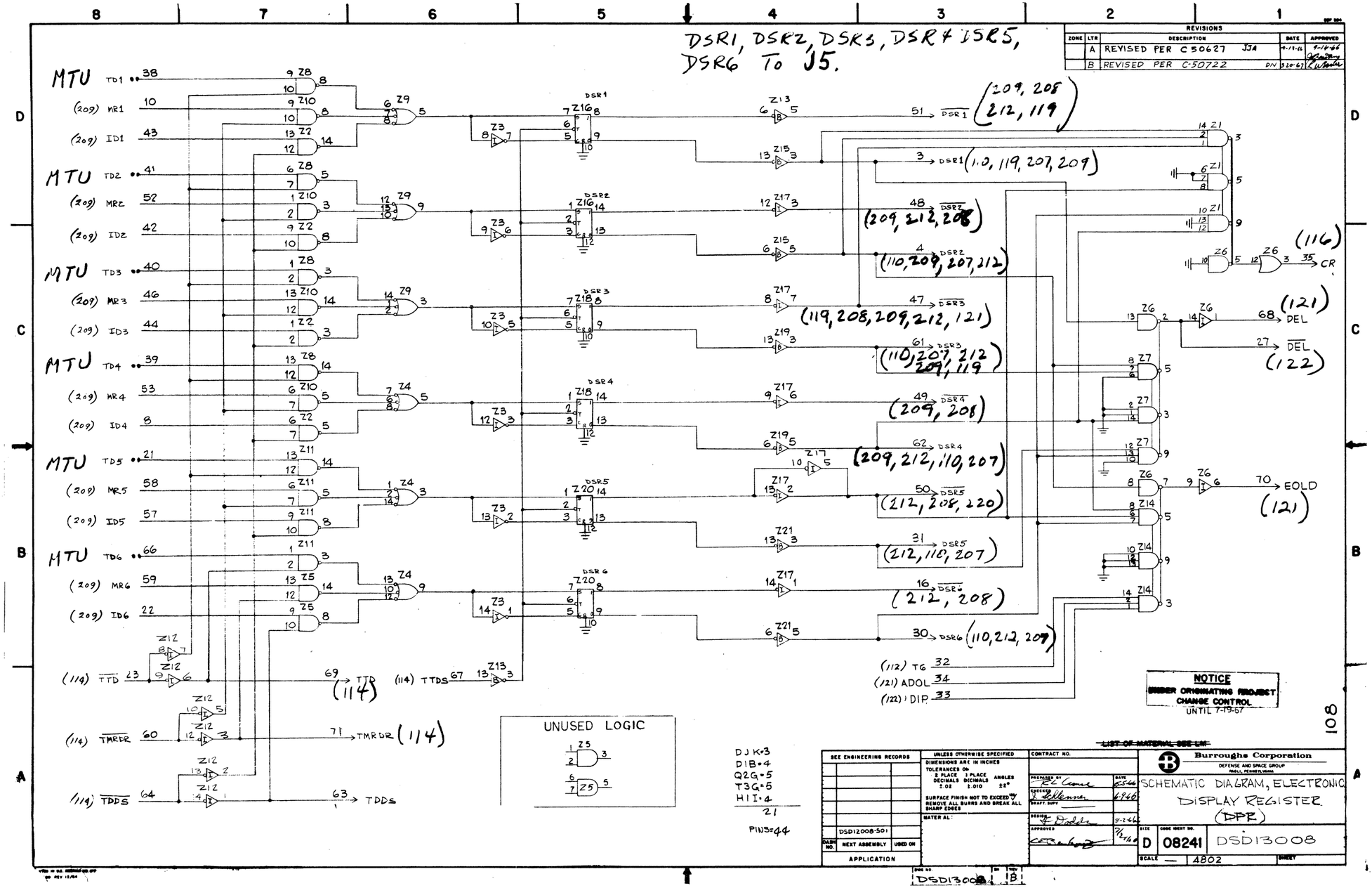

REVISIONS
SYM | DESCRIPTION | DATE | APPROVED
A | REVISED PER C-50627 R.R. | 9-13-66
B | REVISED PER C-64362 J.A. | 3-31-67
C | REVISED PER C-65112 A.C.S | 7-18-67
50 WCR-1 (101)
+12V
R14-1 100
L1-1 10 UH
CR6-1
R2-1 1800
CR1-1
Q2-1 2N2904
R3-1 100
(212) WTP 10
R1-1 180
Q1-1 GVL2037T
CR2-1
CR3-1
CR4-1
CR5-1
R4-1 10,2W CW
R6-1 250
R5-1 27,1W ±5%
+12V
WRITE
(WRITE) -2
51 WCR-2 (201)
20
56
+12V
C2 10UF 20V
1
37
9
45
+12V
R8-1 470
C1-1 270
R10-1 180
R11-1 330
R7-1 1800
Q4-1 GVL20446-1
Q5-1 2N2218
R15-1 10
L2-1 6.8 UH
CR11-1
3.6V
RCR-1 (101)
(212) RDP 59
R7-1 470
Q3-1 GVL2037T
CR7-1
CR8-1
CR9-1
CR10-1
R12-1 10,2W CW
R13-1 250
+12V
READ
(READ) -2
70 RCR-2 (201)
18
3.6V
54
NOTICE
UNDER ORIGINATING PROJECT CHANGE CONTROL
2. DASH BLOCK REPRESENTS CIRCUIT IDENTICAL TO SAMPLE, DASH NUMBER IS COMPONENT REFERENCE DESIGNATION SUFFIX.
1. UNLESS OTHERWISE SPECIFIED RESISTOR VALUES ARE IN OHMS, ±5%, ½ W. CAPACIATOR VALUES ARE IN UUF, ±10%, 100V. DIODES ARE FDH 600.
NOTES:
SEE ENGINEERING RECORDS
DSD12003-501
DASH NO. | NEXT ASSEMBLY | QTY N/A | MODEL
APPLICATION
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON: 2 PLACE DECIMALS ±.02 3 PLACE DECIMALS ±.010 ANGLES ±2°
SURFACE FINISH NOT TO EXCEED
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL
LIST OF MATERIAL SEE LM
PREPARED BY FAT 2-4-66
CHECKED 5-25-66
DRAFT. SUPV. 5/31/66
DESIGN 6/29/66
APPROVED 6/22/66
Burroughs Corporation
BURROUGHS LABORATORIES, PAOLI, PA.
SCHEMATIC DIAGRAM, ELECTRONIC
PRINTED WIRING ASSEMBLY
READ WRITE CURRENT REG, RWR
CODE IDENT NO. 08241
SIZE C
DSD 13003
SCALE
SHEET 4802
DSD13003 IC1
PRINTED IN U.S. AMERICA

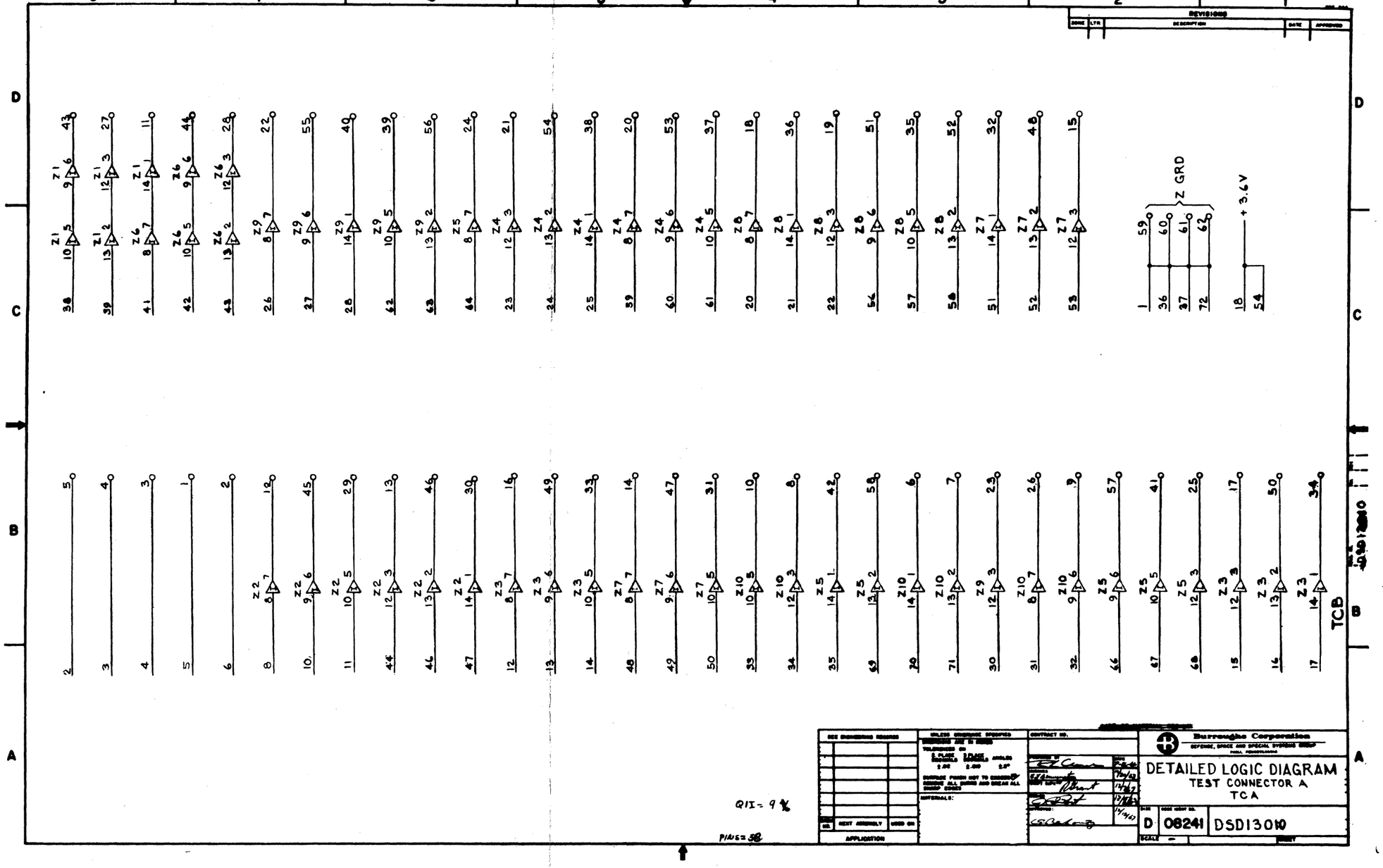

REVISIONS
SYM | DESCRIPTION | DATE | APPROVED
A | REVISED PER C-50627 R.R. | 3-13-66 | 3-25-66
B | REVISED PER C-64363 R.M.C. | 3-30-67
R5-1 180 1W
CR1-1
13 RMA-1 (DOT) (101)
49 RMA-1 (101)
Q3-1 2N2218
+12V
R6-1 15
R9-1 15
R7-1 180 1W
C2-1 470
R4-1 180
12 RMB-1 (DOT) (101)
48 RMB-1 (101)
CR2-1
Q4-1 2N2218
+3.6V
R2-1 180
C1-1 1000
R3-1 1K
Q2-1 GVL20376
Q1-1 GVL20377
(212) MR 2
R1-1 470
R8-1 15
R10-1 15
R11 5K
R12 180
CR13 1N748A
L
21 +8V (203)
R15 1K
R13 22
Q5 2N914
17 +5.95V (203)
CR3 THRU CR12 10 DIODES IN SERIES
C3 10 UF 20V
R14 470
36 72 1 37 9 45 29 65
14 RMA-2 (DOT) (201)
50 RMA-2 (201)
15 RMB-2 (DOT) (201)
51 RMB-2 (201)
-2
20
56 +12V
C4 100 UF 20V
18
54 +3.6V
C5 10 UF 20V
104
NOTICE UNTIL 2-1-67 UNDER ORIGINATING PROJECT CHANGE CONTROL
LIST OF MATERIAL SEE LM
2. DASHED BLOCK REPRESENTS CIRCUIT IDENTICAL TO SAMPLE SHOWN. DASHED NUMBER IS COMPONENT. REFERENCE DESIGNATION SUFFIX
1. UNLESS OTHERWISE SPECIFIED RESISTOR VALUES ARE IN OHMS, ±5%, 1/2 W CAPACITOR VALUES ARE IN UUF, ± 10%, 100 V DIODES ARE FDH 600..
NOTES:
SEE ENGINEERING RECORDS
D5D12004-501
DASH NO. | NEXT ASSEMBLY | QTY N/A | MODEL
APPLICATION
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON: 2 PLACE DECIMALS ±.02 3 PLACE DECIMALS ±.010 ANGLES ±2°
SURFACE FINISH NOT TO EXCEED 125
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL
PREPARED BY M.J. ROBERTS DATE 2-4-66
CHECKED 5.2066
DRAFT SUPV 4/15/66
DESIGN 4/17/66
APPROVED 4/24/66
Burroughs Corporation
BURROUGHS LABORATORIES, PAOLI, PA.
SCHEMATIC DIAGRAM, ELECTRONIC
SWITCH CORE RESET DRIVERS
INFORMATION DRIVER POWER SUPPLY
DPS
CODE IDENT NO. 08241
SIZE C
DSD 13004
SCALE NONE
4802
SHEET
DSD13004 B
PRINTED IN U.S.A. FORM 579

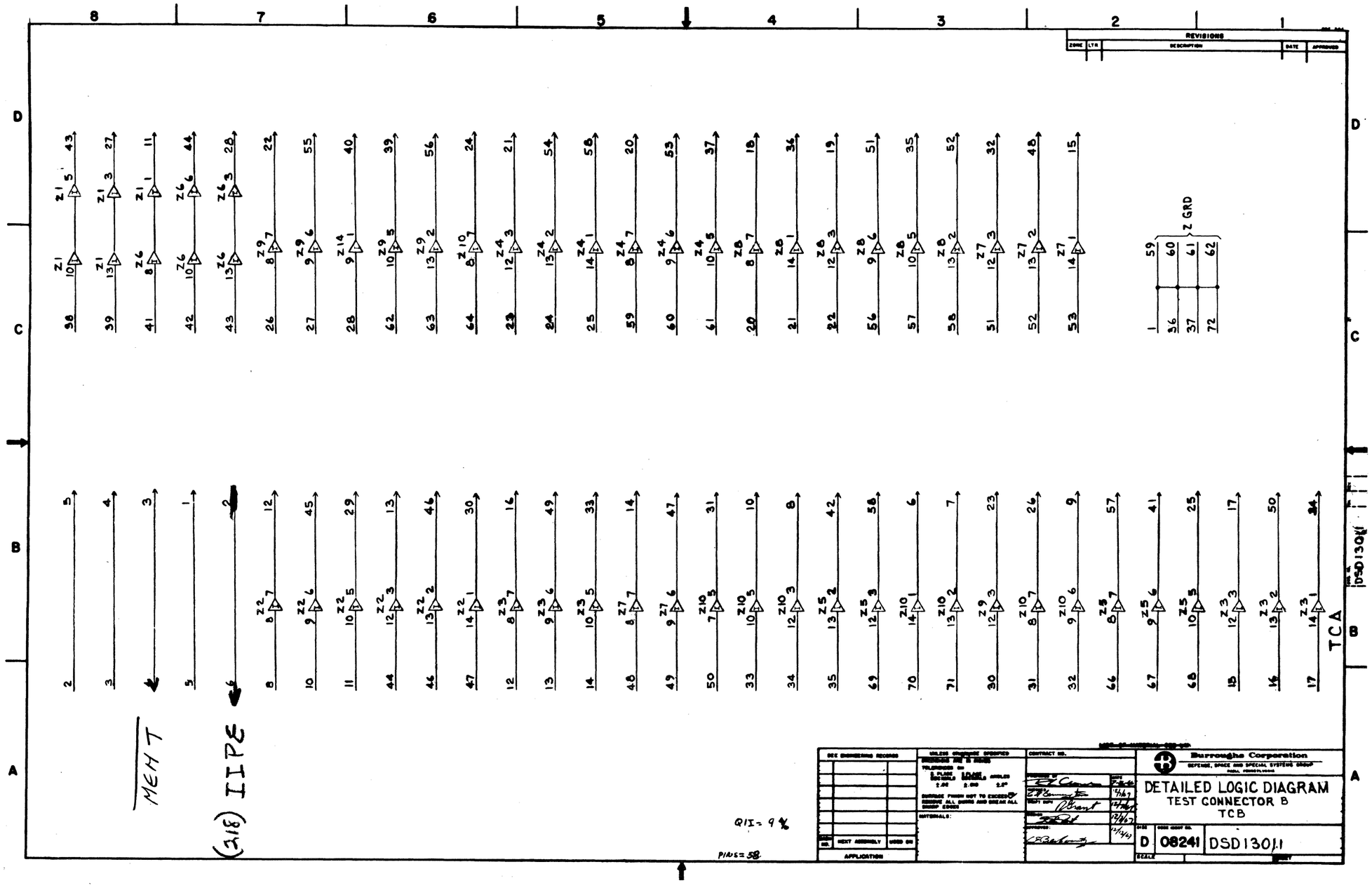

REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
A REVISE PER C-50627 H.F.L. 9-1-66
B REVISE PER C-50720 DIN 11-9-66
C C-66433 RB 12-6-67
D X-71848 MCD 10-22-68
E C-71902 JES 11-22-68
UNUSED LOGIC
NOTICE
UNDER ORIGINATING PROJECT CHANGE CONTROL UNTIL 6-9-67
DJK=4 DIB=0 Q2G=6 T3G=7 HII=4 21 PINS=58
Burroughs Corporation
DEFENSE AND SPACE GROUP
DETAILED LOGIC DIAGRAM
END OF PAGE DETECTION (EPD)
DSD13005
D 08241
SCALE 4802
105

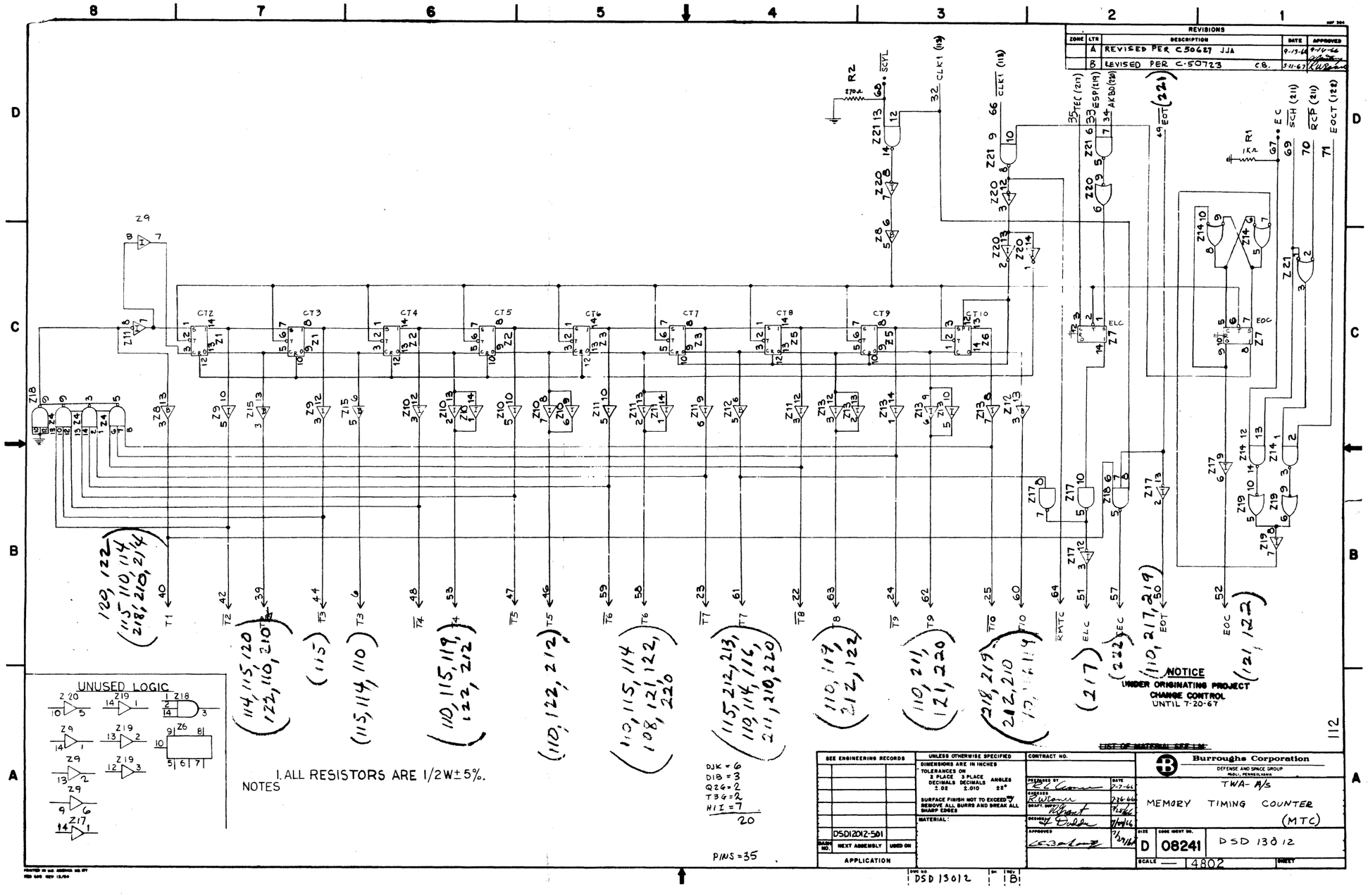

REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
A REVISE PER C-50627 M.K.L. 3/13/67
B REVISE PER C-50721 3/20-67
LSQ(107)
LS1(107)
(214) CMAU 3
(214) CMAD 2
(214) CMAD 2 43
(214) CMA 4
(214) CMA 10
MA1 Z15
MA2 Z15
MA3 Z9
MA4 Z9
MA5 Z11
MA6 Z11
MA7 Z12
MA8 Z12
MA9 Z14
MA10 Z14
(119) TMV 66
(220) MV 67
68 SMV4 (209)
UNUSED LOGIC
PINS = 32
DJK = 5
DIB = 1
QZG = 4
T3G = 5
H1I = 6
21
106
NOTICE 5-23-67
UNDER ORIGINATING PROJECT
CHANGE CONTROL
SEE ENGINEERING RECORDS
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ±.02
3 PLACE DECIMALS ±.010
ANGLES ±2°
SURFACE FINISH NOT TO EXCEED
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL:
DASH NO.
DSD12006-501
NEXT ASSEMBLY
USED ON
APPLICATION
CONTRACT NO.
PREPARED BY
DRAWN
DRAFT. SUPT.
DESIGN
APPROVED
DATE
5-23-66
6-22-66
7-29-66
9/19/66
Burroughs Corporation
DEFENSE AND SPACE GROUP
PAOLI, PENNSYLVANIA
DETAILED LOGIC DIAGRAM
MEMORY ADDRESS COUNTER
(MAC)
SIZE D
CODE IDENT NO. 08241
DSD 13006
SCALE NONE
SHEET 4802
DSD 13006 B


REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
B REVISED PER C-50744 DN 2-24-67
C ~~REVISED PER C-64886~~ GP
D X-71847 MCD 10-2-68
E C-72270 4-24-69
REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
A REVISED PER C-50627 R.R. 9-13-66
13 TMA7 (106)
43 MA1 (106)
57 MA2 (106)
38 MA2 (106)
30 MA3 (106)
41 MA3 (106)
27 MA5 (106)
26 MA4 (106)
28 MA4 (106)
25 MA5 (106)
66 STM(210)
24 MA6(106)
14 MA6(106)
61 MA7(106)
42 MA7(106)
39 MA8(106)
60 MA8 (106)
47 MA10 (106)
51 MA9 (106)
49 MA9 (106)
50 MA10 (106)
58 RD(212)
59 WSS(212)
XA1 XA2 XA3 XA4 XA5 XA6 XA7 XA8 XA9 XA10
YA1 YA2 YA3 YA4 YA5 YA6 YA7 YA8 YA9 YA10
STM (214)
LSI (106)
LSO (106)
MAXA
MAXA (115)
MA7&9 (105)
MA8&9 (105)
MA8&10 (105)
(214, 218 210, 213)
(116 119)
(115)PTD 64
EFSP 67
(215)ID15 63
(211)PFD 15
PTD
EFSP
UAPD (209)
Z11
UNUSED LOGIC
Z1
Z21
Z17
Z7
Z71
NOTICE
UNDER ORIGINATING PROJECT
CHANGE CONTROL
UNTIL 7-7-67
DJE= 0
D1B= 1
Q2G= 9
T3G= 10
HII= 3
18
PINS= 58
NOTES:
1. ALL RESISTORS ARE 1/2W, ± 5%
SEE ENGINEERING RECORDS
DSD12007-501
DASH NO
NEXT ASSEMBLY
USED ON
APPLICATION
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ± .02
3 PLACE DECIMALS ± .010
ANGLES ± 0°
SURFACE FINISH NOT TO EXCEED
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIALS:
CONTRACT NO.
PREPARED BY
CHECKED
PROJ. ENGR.
DESIGNED
APPROVED
DATE
7-2-66
7/26/66
7/26/66
7/27/66
7/29/66
Burroughs Corporation
DEFENSE, SPACE AND SPECIAL SYSTEMS GROUP
PAOLI, PENNSYLVANIA
TWA-A/S
MEMORY ADDRESS DECODER (MAD)
SIZE D
CODE IDENT NO. 08241
DSD 13007
SCALE
SHEET 4802


DSR1, DSR2, DSR3, DSR4, DSR5, DSR6 TO J5.
MTU TD1
(209) MR1
(209) ID1
MTU TD2
(209) MR2
(209) ID2
MTU TD3
(209) MR3
(209) ID3
MTU TD4
(209) MR4
(209) ID4
MTU TD5
(209) MR5
(209) ID5
MTU TD6
(209) MR6
(209) ID6
(114) TTD
(114) TMRDR
(114) TDDS
(114) TTDS
(112) TG
(121) ADOL
(122) DIP
UNUSED LOGIC
DJK-3
D1B-4
Q2G-5
T3G-5
H1I-4
21
PINS-44
NOTICE
UNDER ORIGINATING PROJECT
CHANGE CONTROL
UNTIL 7-19-67
SCHEMATIC DIAGRAM, ELECTRONIC
DISPLAY REGISTER
(DPR)
Burroughs Corporation
DSD13008
08241
4802
DSD12008-501


8
7
6
5
4
3
2
1
D
C
B
A
REVISIONS
DESCRIPTION
DATE
Z GRD
+3.6V
TCB
Burroughs Corporation
DETAILED LOGIC DIAGRAM
TEST CONNECTOR A
TCA
D
08241
DSD13010


8
7
6
5
4
3
2
1
D
C
B
A
REVISIONS
ZONE
LTR
DESCRIPTION
DATE
APPROVED
Z GRD
59 60 61 62
1 36 37 72
TCA
MEMT
(318) IIPE
Burroughs Corporation
DEFENSE, SPACE AND SPECIAL SYSTEMS GROUP
DETAILED LOGIC DIAGRAM
TEST CONNECTOR B
TCB
D
08241
DSD1301J
DSD1301
Q11= 9 %
PINS= 58


REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
A REVISED PER C50627 JJA 9-13-66 9-16-66
B REVISED PER C-50723 C.B. 5-11-67
R2 270Ω
CLK1 (113)
SCYL
EOT (221)
EOC
SCH (211)
REP (211)
EOCT (122)
ESP (114)
TEC (211)
AKBD (220)
ELC
EOC
EOT
RMTC
UNUSED LOGIC
NOTES
1. ALL RESISTORS ARE 1/2W±5%.
DJK = 6
DIB = 3
Q2G = 2
T3G = 2
HII = 7
20
PINS = 35
NOTICE
UNDER ORIGINATING PROJECT
CHANGE CONTROL
UNTIL 7-20-67
LIST OF MATERIAL SEE LIST
SEE ENGINEERING RECORDS
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ±.02
3 PLACE DECIMALS ±.010
ANGLES ±2°
SURFACE FINISH NOT TO EXCEED
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL:
DSD12012-501
NEXT ASSEMBLY
USED ON
APPLICATION
CONTRACT NO.
PREPARED BY
CHECKED
DRAFT. SUPV.
DESIGNER
APPROVED
DATE
7-7-66
7-26-66
7-26-66
7/29/66
7/29/66
Burroughs Corporation
DEFENSE AND SPACE GROUP
PAOLI, PENNSYLVANIA
TWA-A/S
MEMORY TIMING COUNTER (MTC)
SIZE D
CODE IDENT NO. 08241
DSD 13012
SCALE — 14802
SHEET
DWG NO DSD 13012
REV B
112

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	E	X-71099	4-3-68	
	P	C-71243	5-5-68	

TABLE 1					
C3 VALUE	R16 VALUE	R17 VALUE	R18 VALUE	R20 VALUE	USED ON PRINTED WIRING ASSY
10 UF	1800 Ω	270K	500K	6800 Ω	DSD 12013-501
22 UF	2700 Ω	1 MEG	1 MEG Ω	33K	DSD 12013-502

30 SEC TIMER

.1 SEC OSC

2.5MC CLOCK

UNLESS OTHERWISE SPECIFIED:
ALL REGISTER VALUES IN OHMS,
±5%, 1/2 W.
ALL CAPACITORS ARE ±10%, 20 V
ALL DIODES ARE FDH 600.
NOTES –

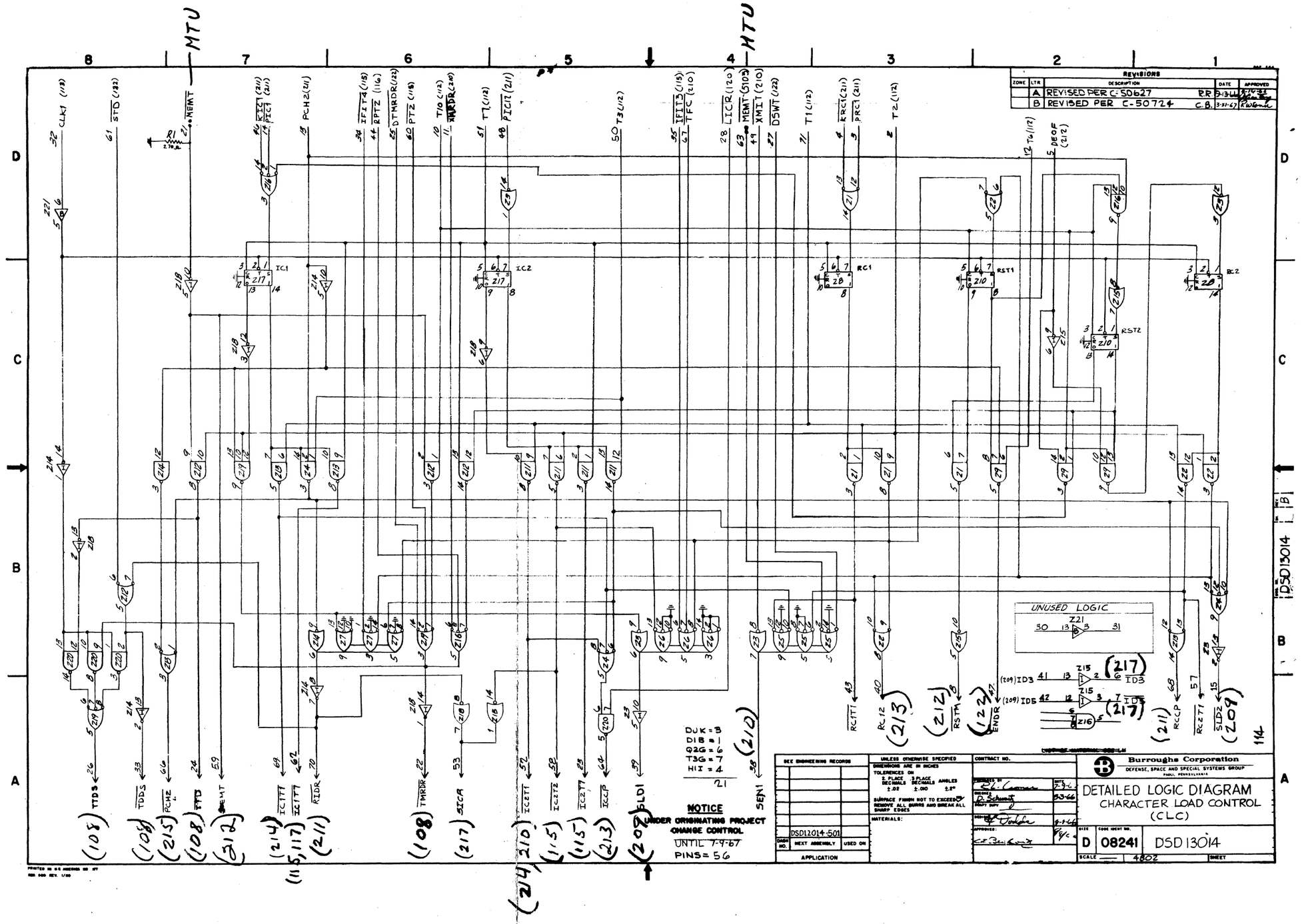
NOTICE
UNDER ORIGINATING PROJECT
CHANGE CONTROL
UNTIL 4-4-67

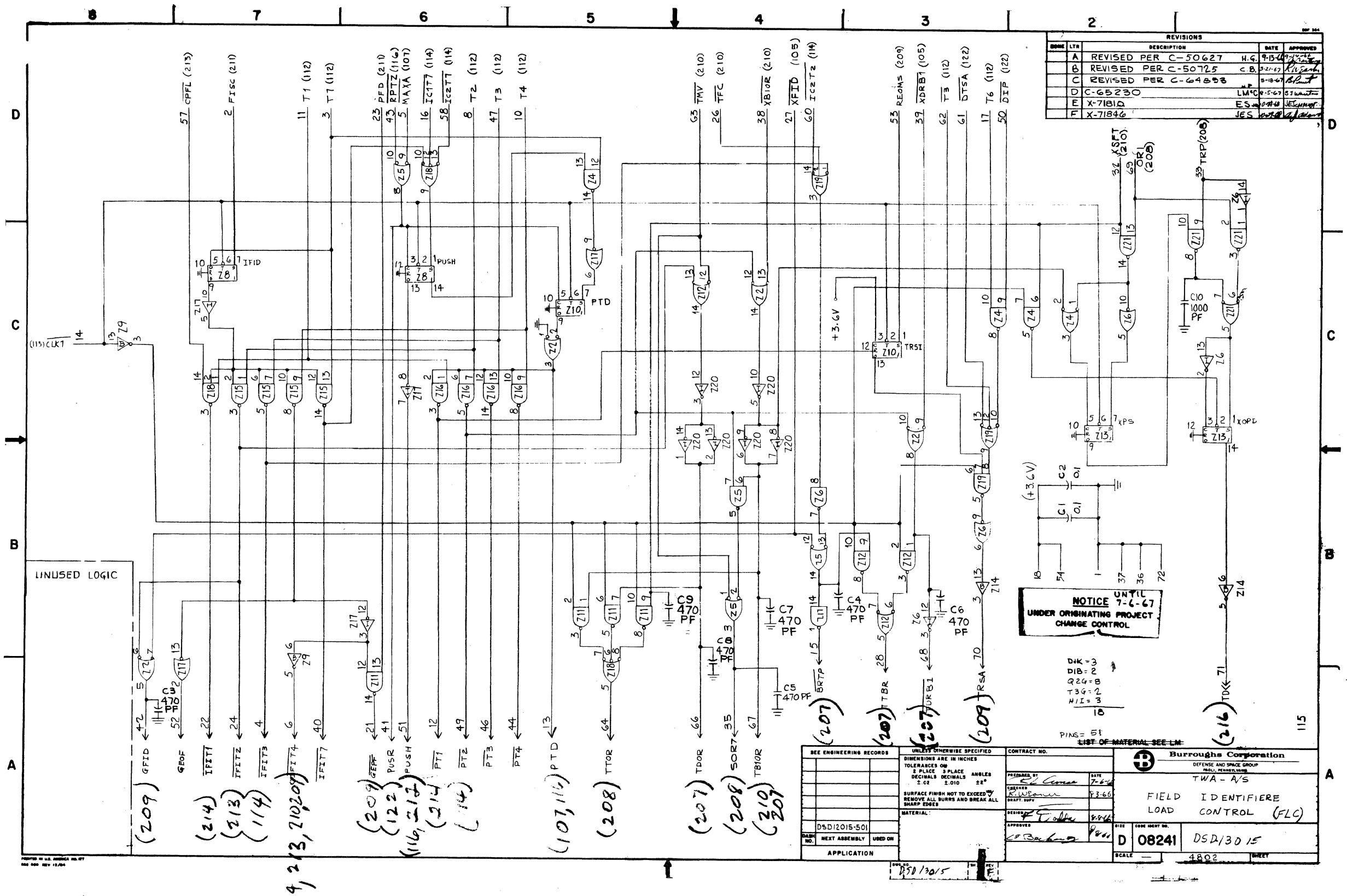
113

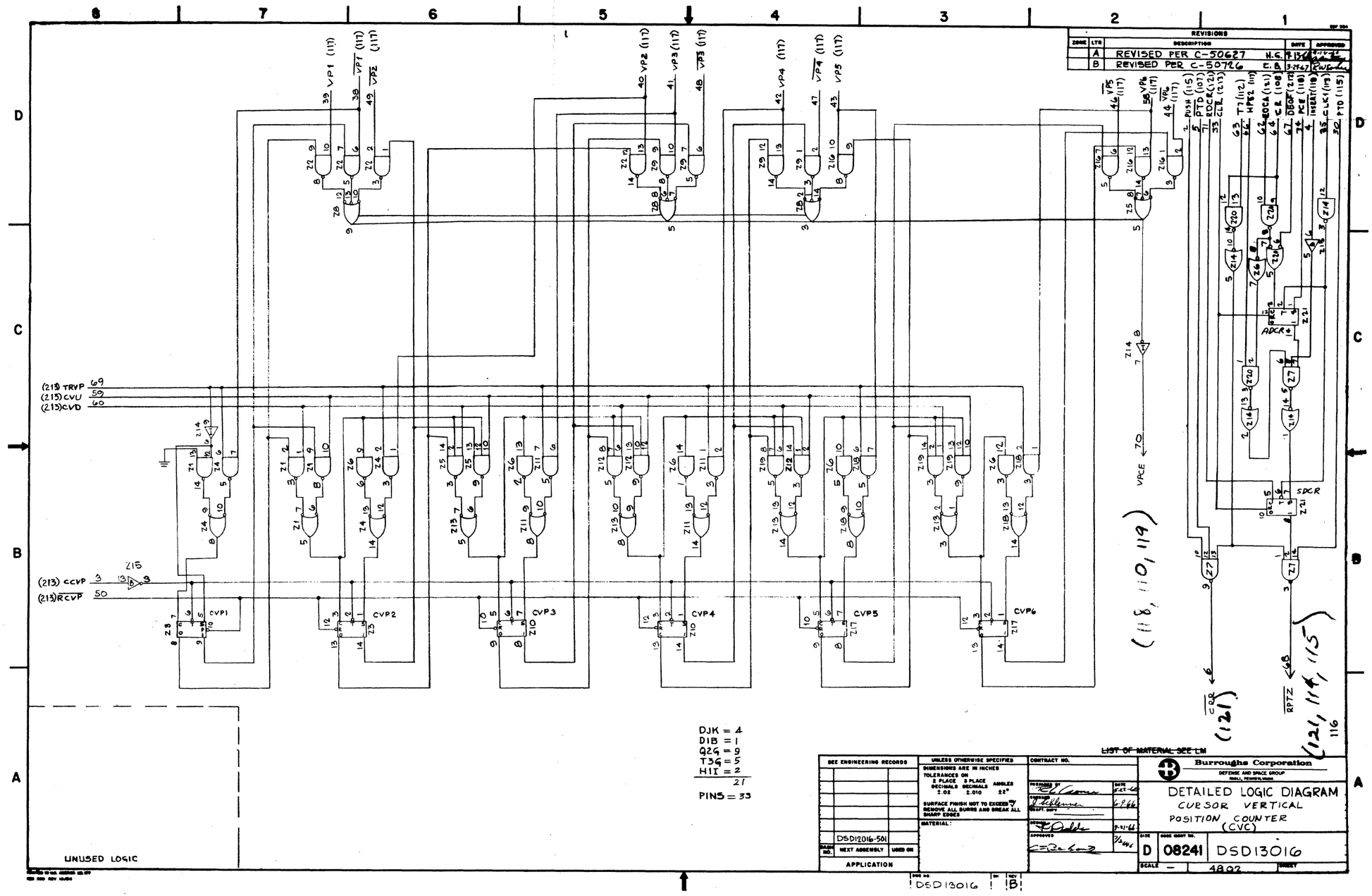
LIST OF MATERIAL SEE LM

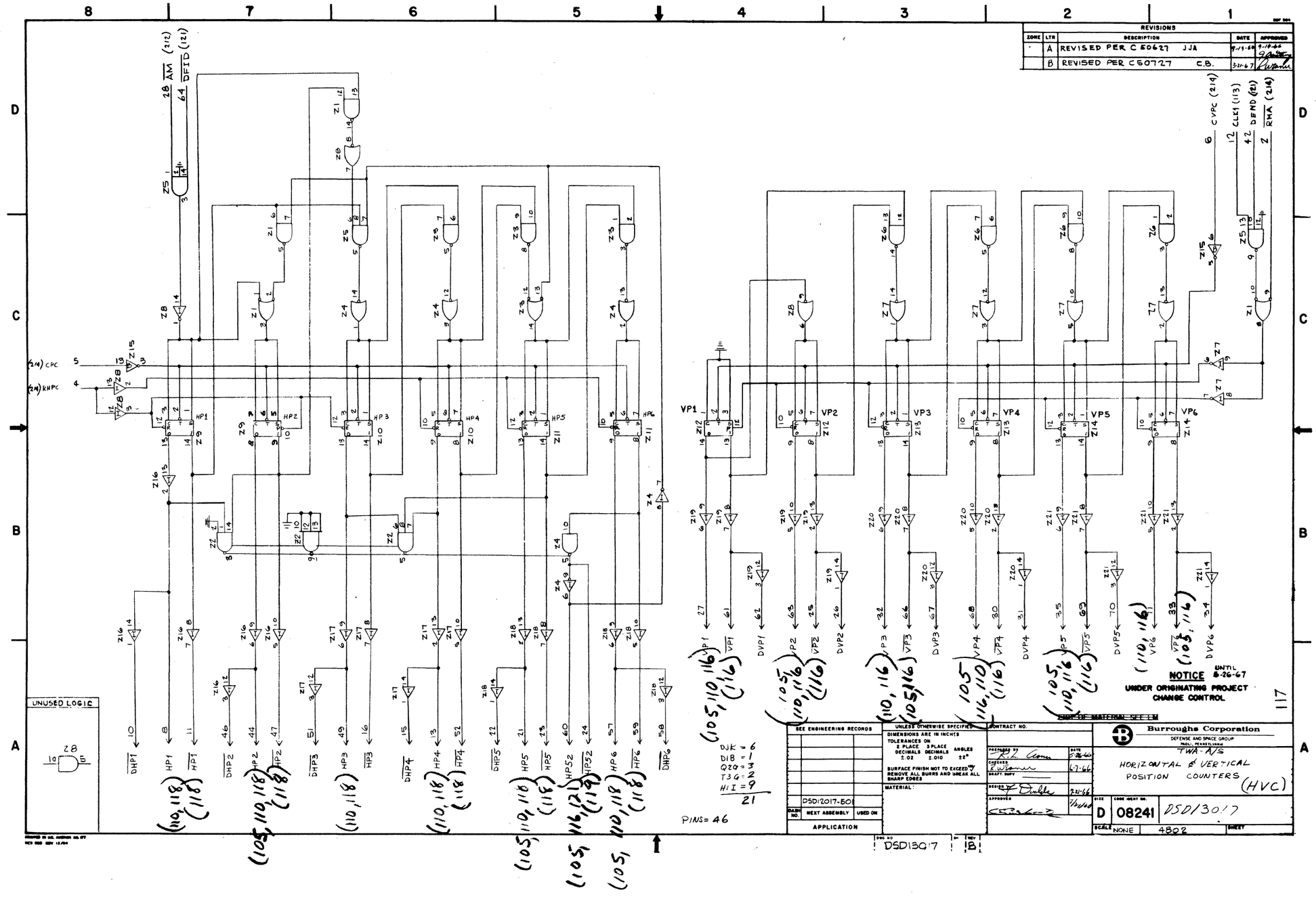
SEE ENGINEERING RECORDS	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES; TOLERANCES ON: 2 PLACE DECIMALS ±.02, 3 PLACE DECIMALS ±.010, ANGLES ±2°; SURFACE FINISH NOT TO EXCEED; REMOVE ALL BURRS AND BREAK ALL SHARP EDGES; MATERIAL:	CONTRACT NO.	Burroughs Corporation, DEFENSE AND SPACE GROUP, PAOLI, PENNSYLVANIA
DSD12013-502 / DSD12013-501	PREPARED BY: H. PFEIFFER 4-4-66; CHECKED: R. Wilson 4-6-66; DRAFT. SUPV: P. Grant 4/7/66; DESIGN: [illegible] 4/11/66; APPROVED: C. Bair 4/14/66		SCHEMATIC DIAGRAM, ELECTRONIC 30 SEC TIMER, .1 SEC OSC 2.5 MC CLOCK TOC & TOC-1
DASH NO. / NEXT ASSEMBLY / USED ON APPLICATION			SIZE D; CODE IDENT NO. 08241; DSD13013; SCALE NONE; 4802; SHEET

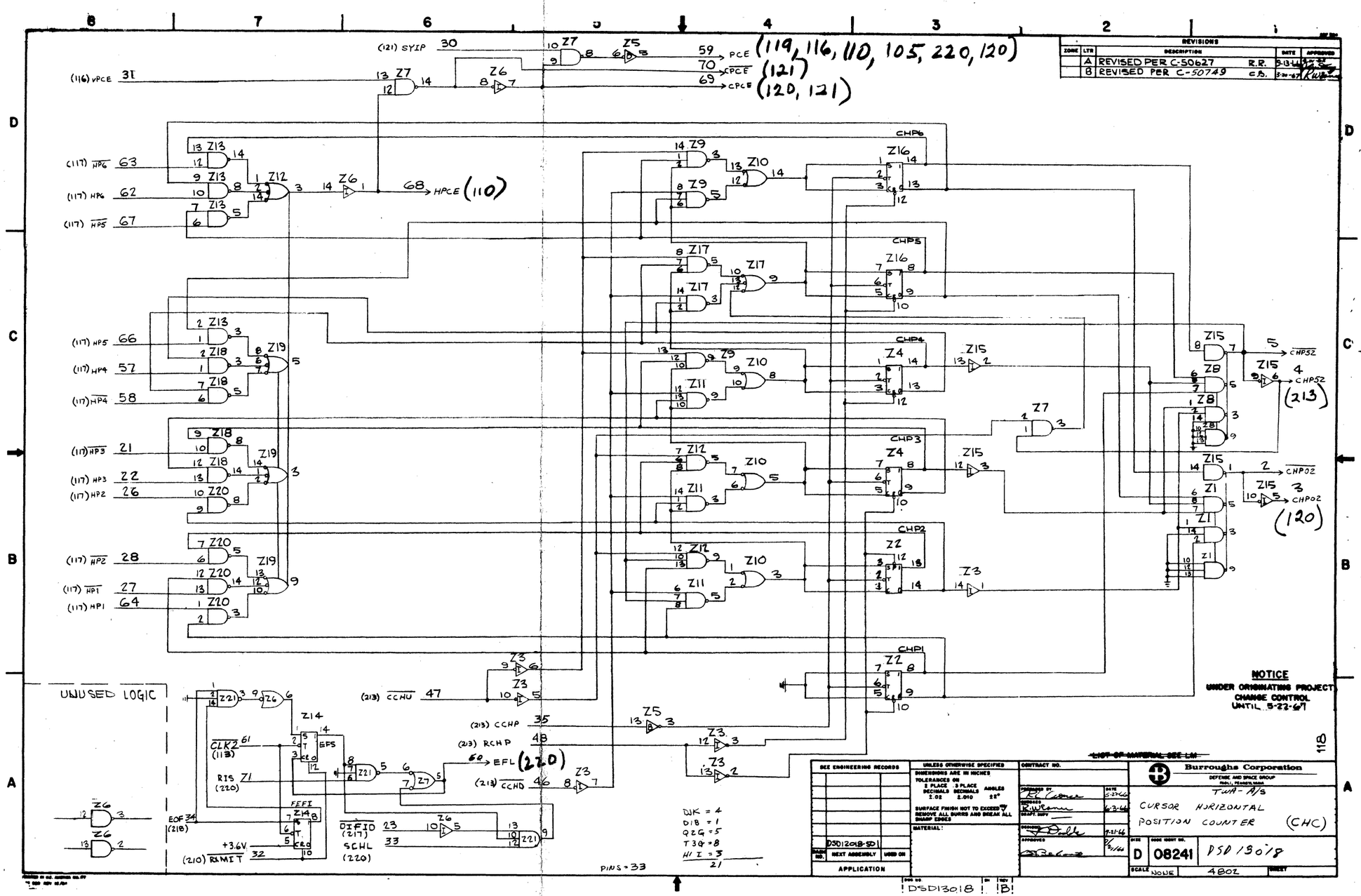
DSD13013 REV F


MTU
MTU
REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
A | REVISED PER C-50627 | R.R. 3-13-67
B | REVISED PER C-50724 | C.B. 3-31-67
UNUSED LOGIC
DJK = 3
DIB = 1
Q2G = 6
T3G = 7
HI = 4
21
NOTICE
UNDER ORIGINATING PROJECT CHANGE CONTROL
UNTIL 7-9-67
PINS = 56
Burroughs Corporation
DEFENSE, SPACE AND SPECIAL SYSTEMS GROUP
PAOLI, PENNSYLVANIA
DETAILED LOGIC DIAGRAM
CHARACTER LOAD CONTROL
(CLC)
SIZE D
CODE IDENT NO. 08241
DSD13014
SCALE 4802
SHEET
DSD13014-501
DRAW NO.
NEXT ASSEMBLY
USED ON
APPLICATION
DSD13014
114

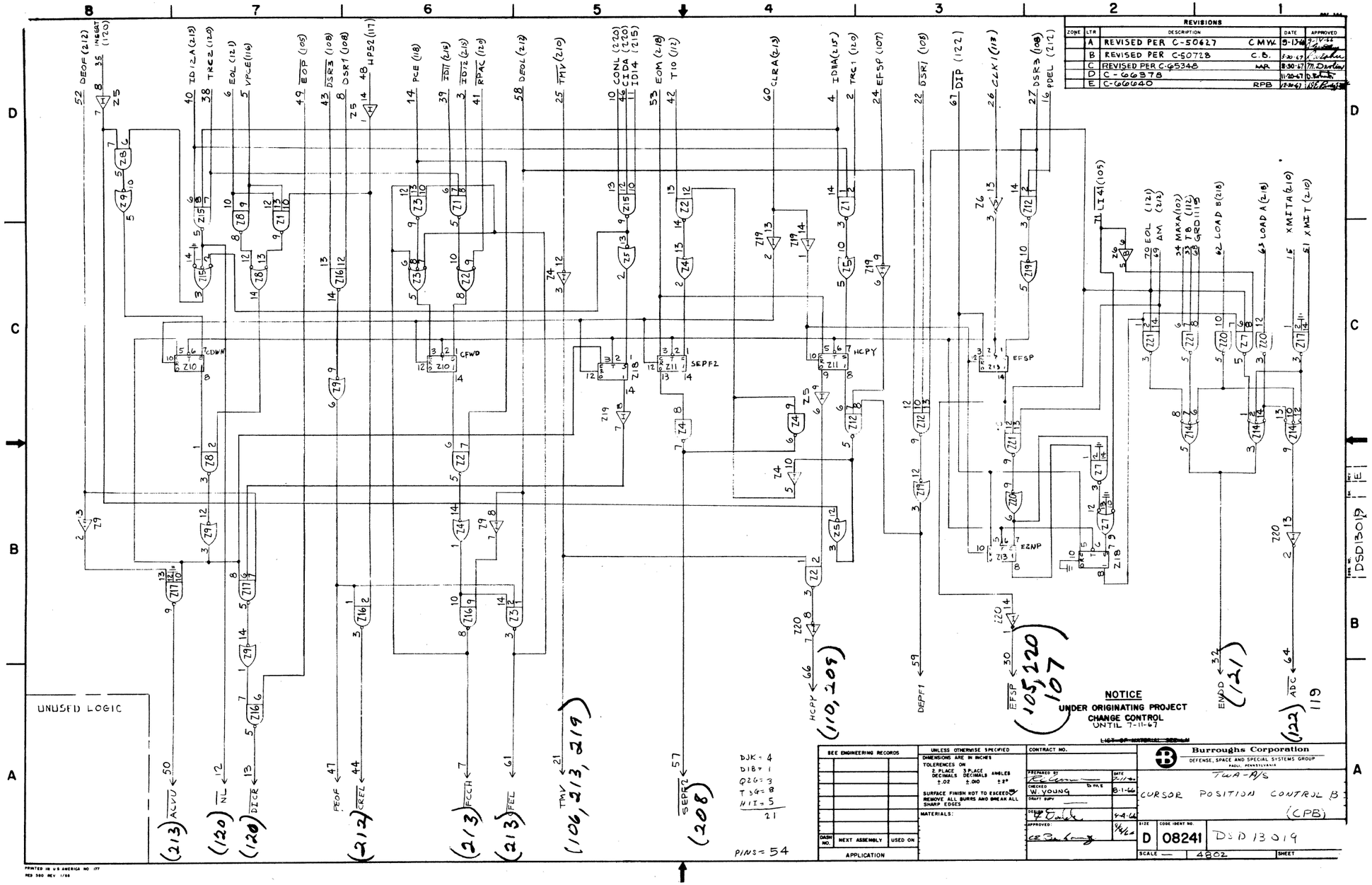

REVISIONS
A REVISED PER C-50627 H.G. 9-15-67
B REVISED PER C-50725 C.B. 9-21-67
C REVISED PER C-64858 9-18-67
D C-65230 LM 9-5-67
E X-71810 ES 10-9-68
F X-71846 JES 10-9-68
UNUSED LOGIC
NOTICE UNTIL 7-6-67 UNDER ORIGINATING PROJECT CHANGE CONTROL
Burroughs Corporation
DEFENSE AND SPACE GROUP
TWA - A/S
FIELD IDENTIFIERE LOAD CONTROL (FLC)
DSD12015-501
DSD13015
08241
SIZE D
SCALE —
SHEET 4802
CONTRACT NO.
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ±.03
3 PLACE DECIMALS ±.010
ANGLES ±2°
SURFACE FINISH NOT TO EXCEED
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL
SEE ENGINEERING RECORDS
NEXT ASSEMBLY
USED ON
APPLICATION
PINS= 51
LIST OF MATERIAL SEE LM

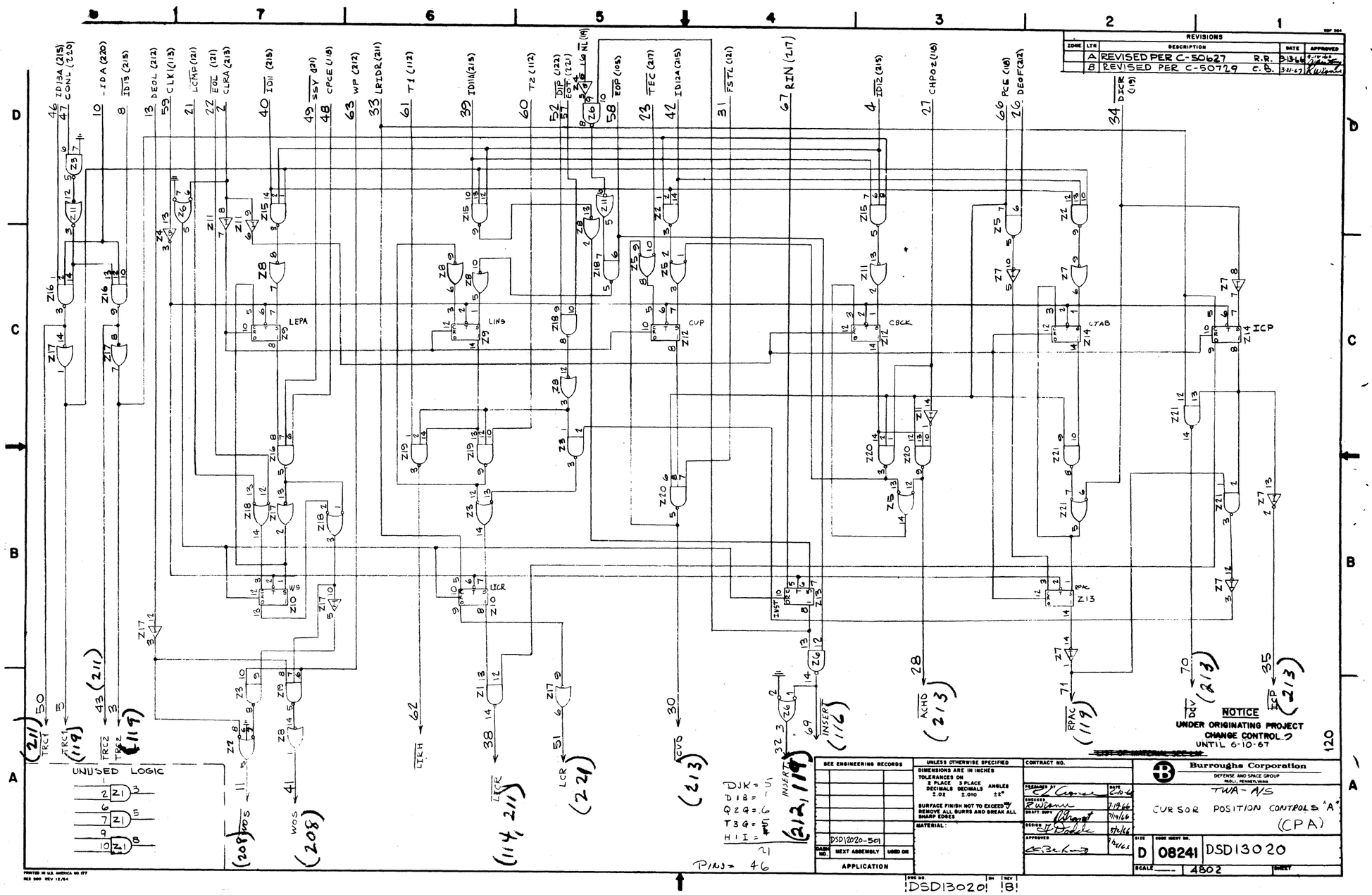

REVISIONS
A REVISED PER C-50627
B REVISED PER C-50726
(213) TRVP 69
(213) CVU 59
(213) CVD 60
(213) CCVP 3
(213) RCVP 50
CVP1
CVP2
CVP3
CVP4
CVP5
CVP6
VP1 (117)
VP2 (117)
VP3 (117)
VP4 (117)
VP5 (117)
VP6 (117)
VP7 (117)
VP8 (117)
T7 (112)
HPE2 (119)
BLOCK (121)
CR (108)
DBOF (128)
PCE (118)
INHEBT (118)
CLK1 (119)
PTD (115)
PUSH (115)
PTD (107)
EDCR (124)
CLR (213)
VACE
SDCR
RPTZ
APCR
DJK = 4
DIB = 1
Q26 = 9
T36 = 5
H1I = 2
21
PINS = 33
UNUSED LOGIC
LIST OF MATERIAL SEE LM
Burroughs Corporation
DEFENSE AND SPACE GROUP
DETAILED LOGIC DIAGRAM
CURSOR VERTICAL
POSITION COUNTER
(CVC)
DSD12016-501
APPLICATION
D 08241 DSD13016
SCALE — SHEET 4803
DSD13016 ! B

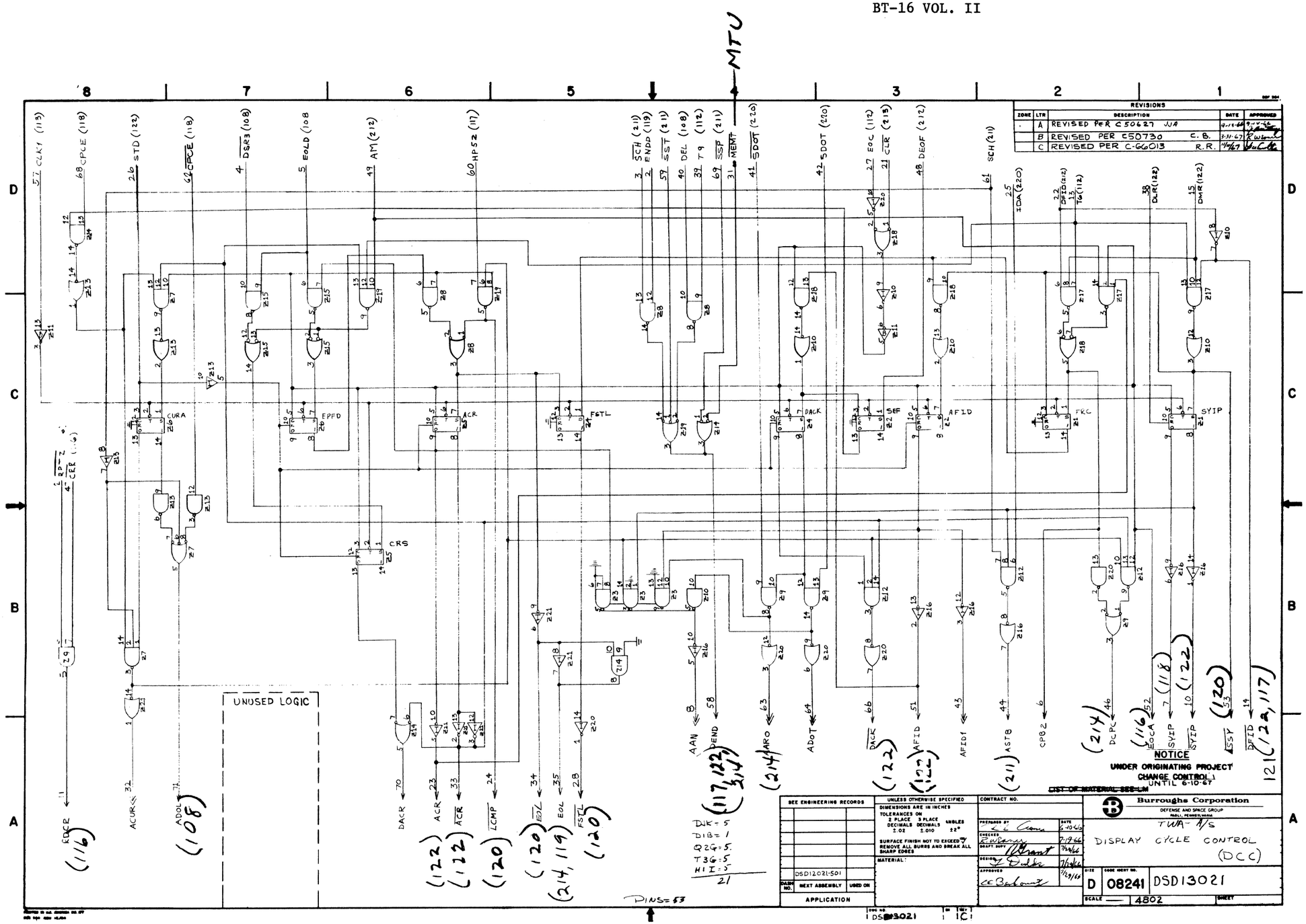

REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
A REVISED PER C 60627 JJA 7-13-66 9-19-66
B REVISED PER C60727 C.B. 3-31-67
28 AM (212)
64 DFID (121)
CVPC (214)
CLK1 (113)
DFND (121)
RMA (214)
(214) CPC
(214) KHPC
HP1
HP2
HP3
HP4
HP5
HP6
VP1
VP2
VP3
VP4
VP5
VP6
UNUSED LOGIC
DJK = 6
DI8 = 1
Q20 = 3
T3G = 2
HII = 9
21
PINS = 46
NOTICE UNTIL 5-26-67
UNDER ORIGINATING PROJECT CHANGE CONTROL
117
SEE ENGINEERING RECORDS
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ±.02
3 PLACE DECIMALS ±.010
ANGLES ±2°
SURFACE FINISH NOT TO EXCEED 63 REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL:
CONTRACT NO.
Burroughs Corporation
DEFENSE AND SPACE GROUP
PAOLI, PENNSYLVANIA
TWA-A/S
HORIZONTAL & VERTICAL POSITION COUNTERS (HVC)
DSD12017-501
DASH NO.
NEXT ASSEMBLY
USED ON
APPLICATION
DWG NO DSD13017
REV B
SIZE D
CODE IDENT NO. 08241
DSD13017
SCALE NONE
4802
SHEET

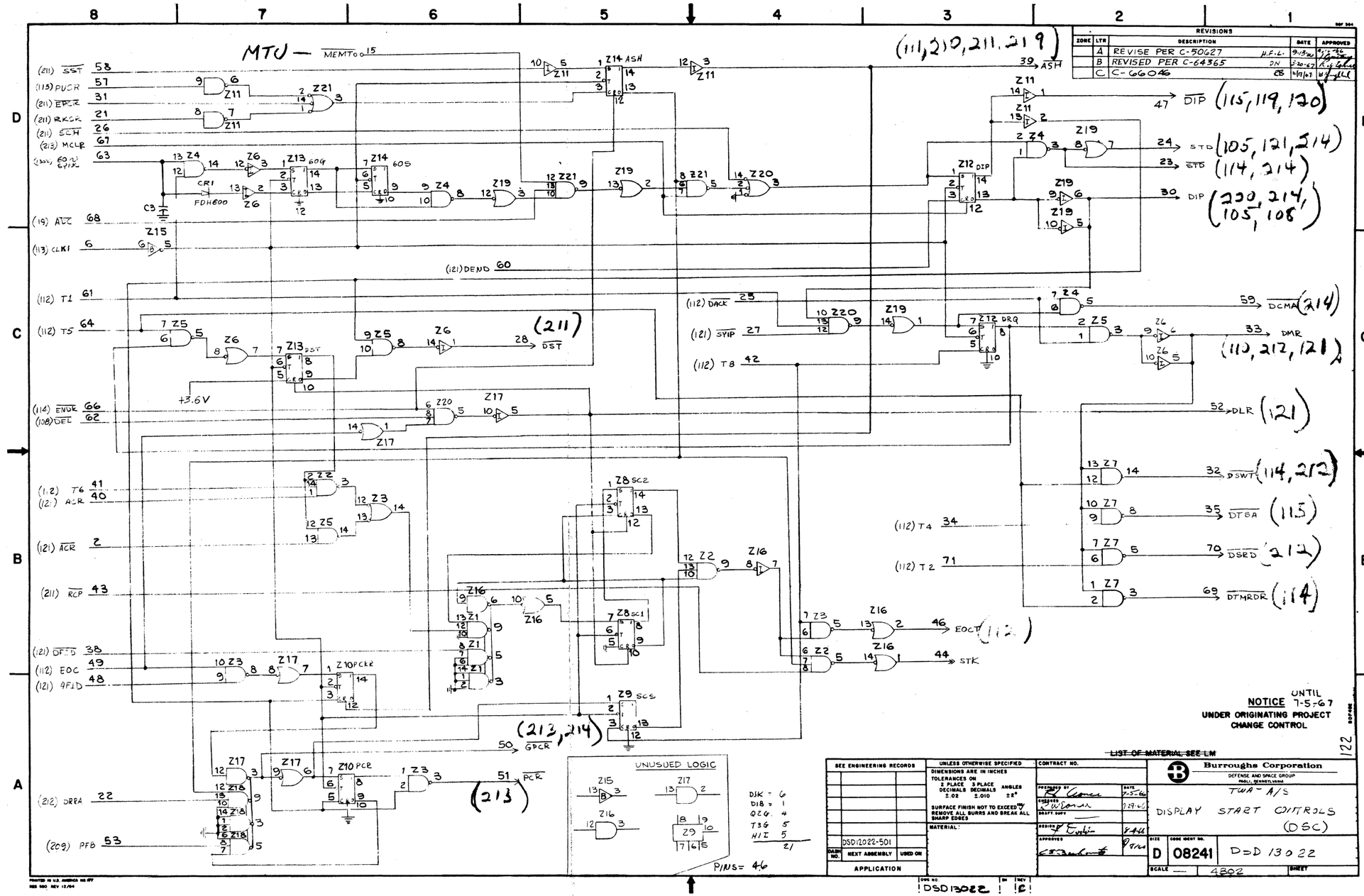


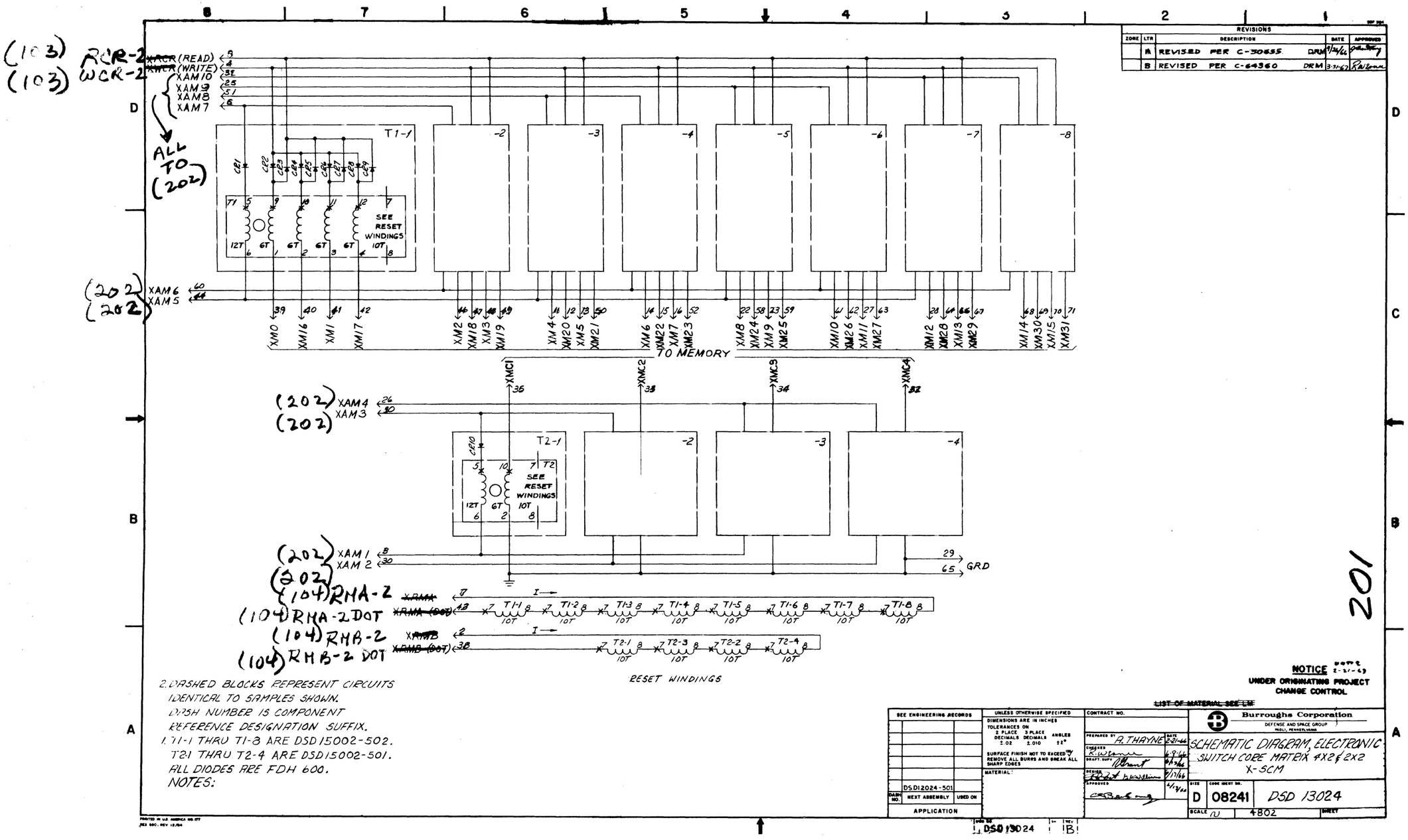
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER C-50627	R.R. 3-13-67	
	B	REVISED PER C-50749	C.B. 3-30-67	

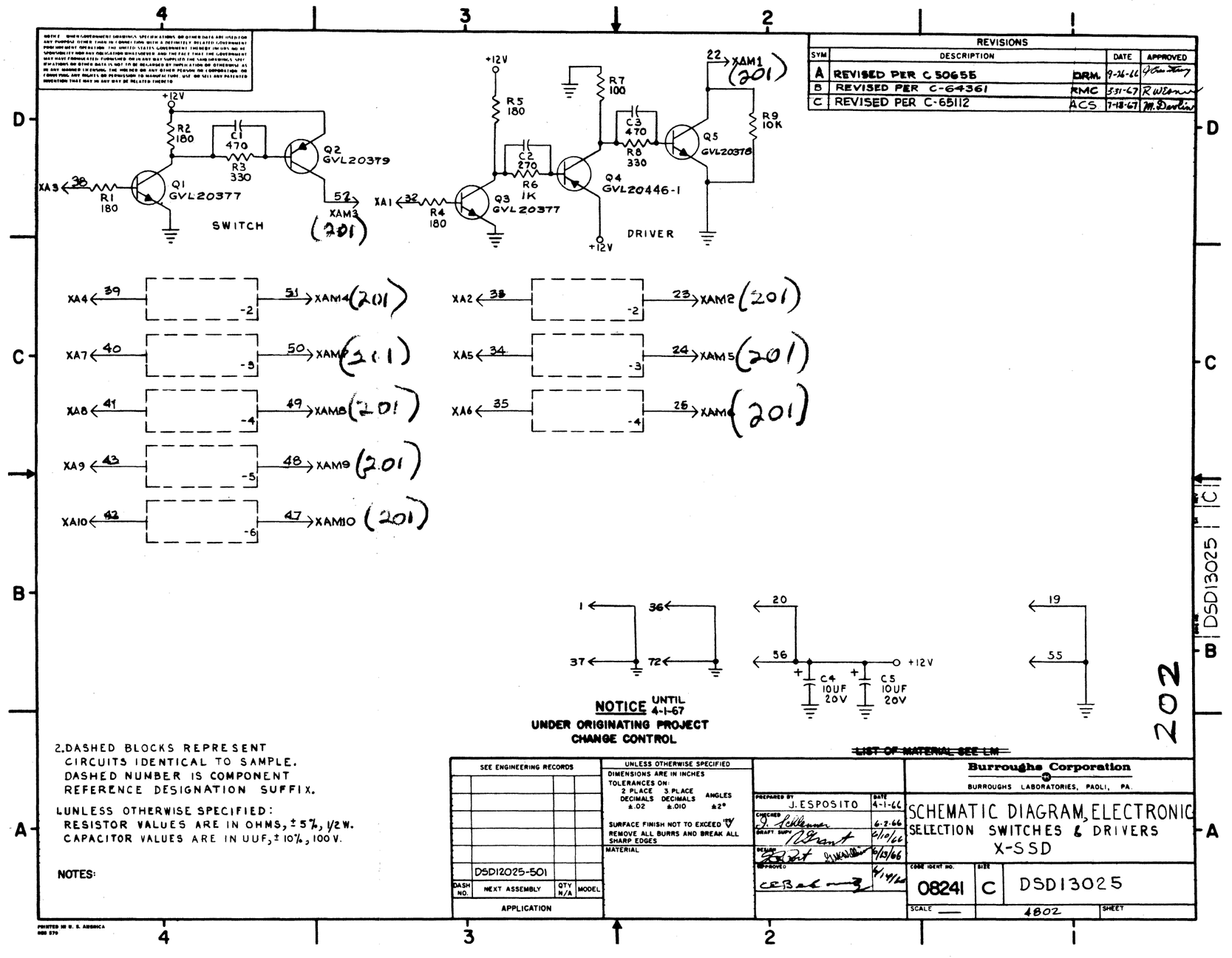

REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
A REVISED PER C-50627 CMW 9-13-67
B REVISED PER C-50728 C.B. 9-30-67
C REVISED PER C-65348 MP 8-30-67
D C-66378 11-20-67
E C-66640 RPB 12-8-67
UNUSED LOGIC
NOTICE
UNDER ORIGINATING PROJECT
CHANGE CONTROL
UNTIL 7-11-67
Burroughs Corporation
DEFENSE, SPACE AND SPECIAL SYSTEMS GROUP
PAOLI, PENNSYLVANIA
CURSOR POSITION CONTROL B
(CPB)
D 08241 DSD 13019
SCALE — 4802 SHEET
PINS = 54

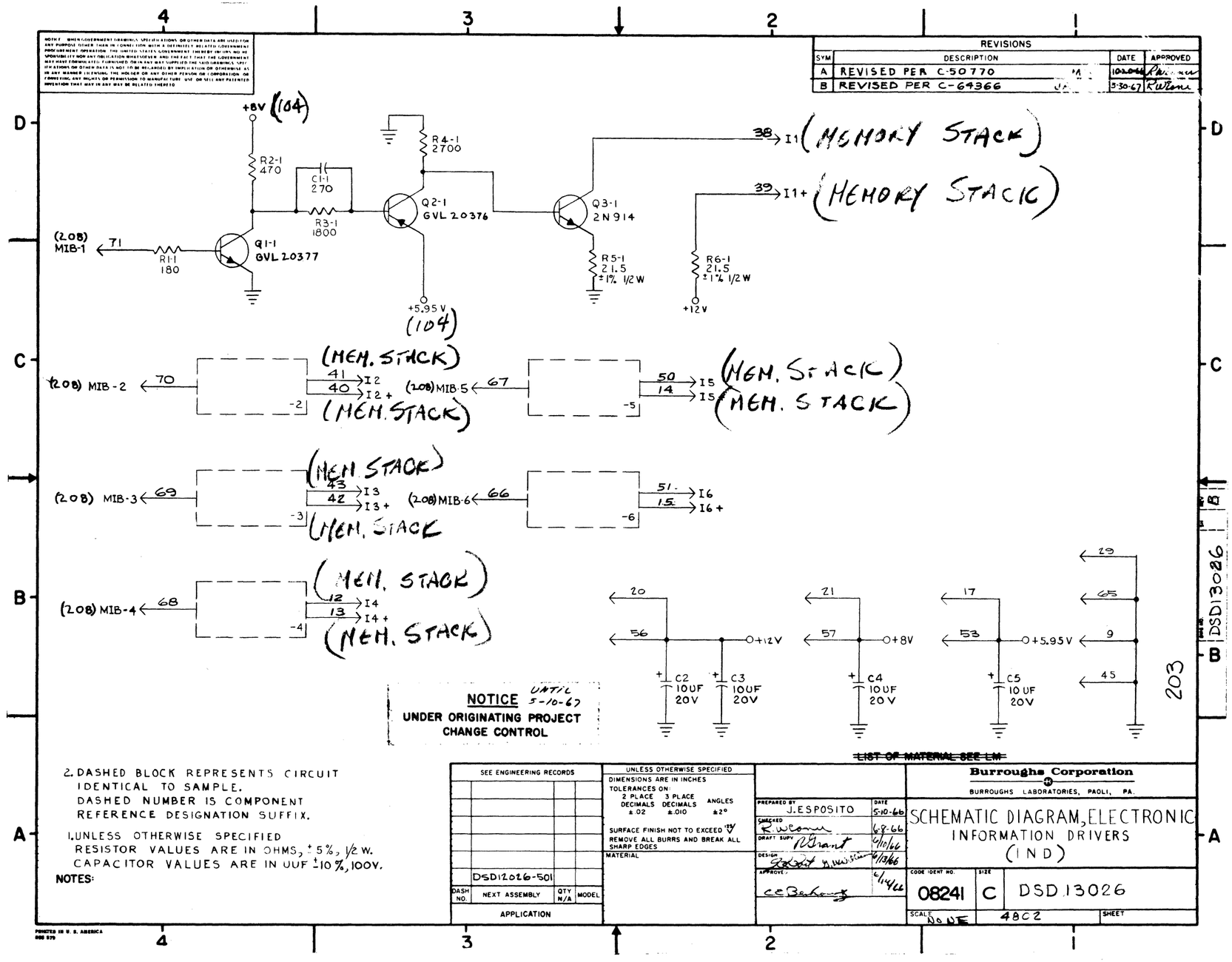

REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
A REVISED PER C-50627 R.R. 3-13-66
B REVISED PER C-50729 C.B. 3-21-67
UNUSED LOGIC
NOTICE
UNDER ORIGINATING PROJECT
CHANGE CONTROL 2
UNTIL 6-10-67
Burroughs Corporation
DEFENSE AND SPACE GROUP
TWA-A/S
CURSOR POSITION CONTROLS "A"
(CPA)
DSD13020
DSD13020 B


MTU
REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
A | REVISED PER C 50627 WJA | 9-15-66
B | REVISED PER C50730 C. B. | 2-31-67
C | REVISED PER C-66013 R.R. | 11/16/67
51 CLK1 (113)
68 CPCE (118)
26 STD (122)
62 CPCE (118)
4 DSR3 (108)
5 EOLD (108)
49 AM (212)
60 HPS2 (117)
3 SCH (211)
2 ENDP (119)
57 SST (211)
40 DEL (108)
39 T9 (112)
69 SSP (211)
31 MEMT
41 SDOT (220)
42 SDOT (220)
27 EOC (112)
21 CLR (215)
48 DEOF (212)
61 SCH (211)
25 IDA (220)
22 DSID (212)
15 TG (112)
38 DLR (122)
15 DMR (122)
EDCR (116)
ACUR
ADOL (108)
DACR
ACR (122)
ACR (122)
LCMP (120)
EOL (120)
EOL (214, 119)
FSTL (120)
AAN
DEND (117, 122, 123)
AARO (214)
ADOT
DACK (122)
AFID (122)
AFID1
ASTB (211)
CPS2
DCPC (214)
EOCA (116)
SYIP (122)
SYIP (120)
SSP (120)
DFID (122, 117)
121
UNUSED LOGIC
DIN=5
DIB=1
Q2G=5
T36=5
HII=5
21
DINS=53
NOTICE
UNDER ORIGINATING PROJECT CHANGE CONTROL UNTIL 6-10-67
LIST OF MATERIAL SEE LM
SEE ENGINEERING RECORDS
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ±.02
3 PLACE DECIMALS ±.010
ANGLES ±2°
SURFACE FINISH NOT TO EXCEED REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL:
DSD12021-501
NEXT ASSEMBLY
USED ON
APPLICATION
CONTRACT NO.
PREPARED BY L. L. Crum 6-10-66
CHECKED: Ed Lang 7-19-66
DRAFT. SUPV. Jim Grant 7/20/66
DESIGN Y. Dubs 7/19/66
APPROVED C. C. Bedsworth 7/29/66
Burroughs Corporation
DEFENSE AND SPACE GROUP
PAOLI, PENNSYLVANIA
TWA 11/S
DISPLAY CYCLE CONTROL (DCC)
SIZE D
CODE IDENT NO. 08241
DSD13021
SCALE —
4802
SHEET
DWG NO DSD13021
REV C

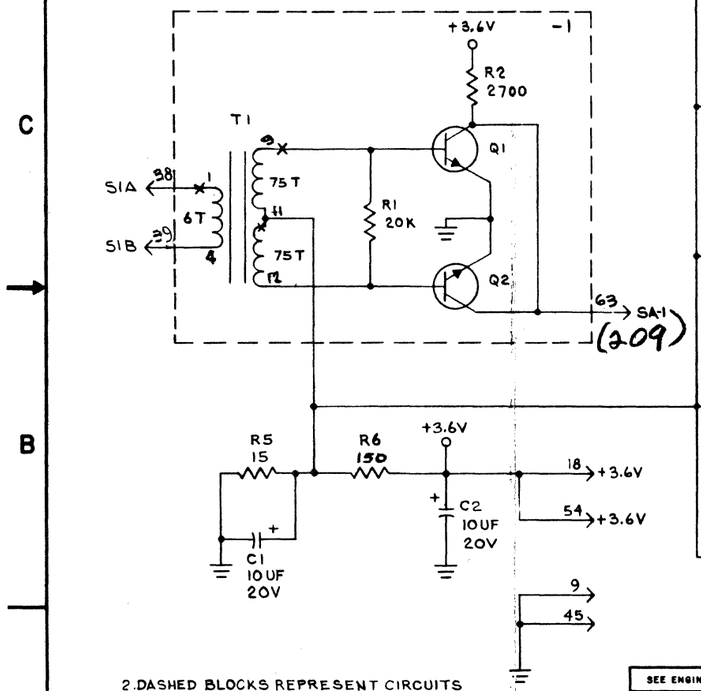

MTU — MEMTo 15
(111,210,211,219)
39 ASH
47 DIP (115,119,120)
24 STD (105,121,214)
23 STD (114,214)
30 DIP (220,214,105,108)
59 DCMA (214)
33 DMR (110,212,121)
52 DLR (121)
32 DSWT (114,212)
35 DTSA (115)
70 DSRD (212)
69 DTMRDR (114)
46 EOCT (112)
44 STK
28 DST (211)
50 GPCR (213,214)
51 PCR (213)
(211) SST 58
(113) PUCR 57
(211) EPCR 31
(211) RKCR 21
(211) SCH 26
(213) MCLR 67
(19) ATZ 68
(113) CLK1 6
(112) T1 61
(112) T5 64
(114) ENGR 66
(108) DEL 62
(112) T6 41
(121) ACR 40
(121) ACR 2
(211) RCP 43
(121) DFSD 38
(112) EOC 49
(121) AFLD 48
(212) DRRA 22
(209) PFB 53
(121) DEND 60
(112) DACK 25
(121) SYIP 27
(112) T8 42
(112) T4 34
(112) T2 71
+3.6V
CR1 FDH600
C3
UNUSED LOGIC
DSK = 6
DIB = 1
QZG = 4
T3G = 5
HII = 5
21
PINS = 46
NOTICE UNTIL 7-5-67
UNDER ORIGINATING PROJECT CHANGE CONTROL
LIST OF MATERIAL SEE LM
Burroughs Corporation
DEFENSE AND SPACE GROUP
TWA - A/S
DISPLAY START CONTROLS (DSC)
D 08241 D=D 13022
DSD13022 E
DSD12022-501


(103) RCR-2
(103) WCR-2
XRCR (READ)
XWCR (WRITE)
XAM10
XAM9
XAM8
XAM7
ALL TO (202)
T1-1
-2
-3
-4
-5
-6
-7
-8
C21 C22 C23 C24 C25 C26 C27 C28 C29
T1
12T
6T
SEE RESET WINDINGS
10T
(202) XAM6
(202) XAM5
XM0 XM16 XM1 XM17 XM2 XM18 XM3 XM19 XM4 XM20 XM5 XM21 XM6 XM22 XM7 XM23 XM8 XM24 XM9 XM25 XM10 XM26 XM11 XM27 XM12 XM28 XM13 XM29 XM14 XM30 XM15 XM31
TO MEMORY
XMC1 XMC2 XMC3 XMC4
(202) XAM4
(202) XAM3
T2-1
-2
-3
-4
C210
T2
(202) XAM1
(202) XAM2
29
65
GRD
(202) (104) RMA-2
(104) RMA-2 DOT
(104) RMB-2
(104) RMB-2 DOT
T1-1 T1-2 T1-3 T1-4 T1-5 T1-6 T1-7 T1-8
T2-1 T2-3 T2-2 T2-4
RESET WINDINGS
2. DASHED BLOCKS REPRESENT CIRCUITS IDENTICAL TO SAMPLES SHOWN. DASH NUMBER IS COMPONENT REFERENCE DESIGNATION SUFFIX.
1. T1-1 THRU T1-8 ARE DSD15002-502. T21 THRU T2-4 ARE DSD15002-501. ALL DIODES ARE FDH 600.
NOTES:
REVISIONS
A REVISED PER C-30655 DRM 1/14/66
B REVISED PER C-64360 DRM 3-31-67
201
NOTICE
UNDER ORIGINATING PROJECT CHANGE CONTROL
LIST OF MATERIAL SEE LM
Burroughs Corporation
DEFENSE AND SPACE GROUP
SCHEMATIC DIAGRAM, ELECTRONIC SWITCH CORE MATRIX 4X2 & 2X2 X-SCM
SEE ENGINEERING RECORDS
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CONTRACT NO.
PREPARED BY A. THAYNE
DRAFT SUPV
DESIGN
APPROVED
MATERIAL:
DSD12024-501
APPLICATION
SIZE D
CODE IDENT NO. 08241
DSD 13024
SCALE N
4802
SHEET
DSD 13024 REV B


+12V
R2 180
C1 470
R3 330
Q2 GVL20379
XA3 38
R1 180
Q1 GVL20377
SWITCH
52 XAM3 (201)
+12V
R5 180
R7 100
C3 470
R8 330
Q5 GVL20378
R9 10K
22 XAM1 (201)
C2 270
R6 1K
Q4 GVL20446-1
XA1 32
R4 180
Q3 GVL20377
DRIVER
+12V
XA4 39 -2 51 XAM4 (201)
XA7 40 -3 50 XAM7 (201)
XA8 41 -4 49 XAM8 (201)
XA9 43 -5 48 XAM9 (201)
XA10 42 -6 47 XAM10 (201)
XA2 38 -2 23 XAM2 (201)
XA5 34 -3 24 XAM5 (201)
XA6 35 -4 25 XAM6 (201)
1 36 37 72
20 56 +12V C4 10UF 20V C5 10UF 20V
19 55
NOTICE UNTIL 4-1-67
UNDER ORIGINATING PROJECT CHANGE CONTROL
2. DASHED BLOCKS REPRESENT CIRCUITS IDENTICAL TO SAMPLE. DASHED NUMBER IS COMPONENT REFERENCE DESIGNATION SUFFIX.
UNLESS OTHERWISE SPECIFIED: RESISTOR VALUES ARE IN OHMS, ±5%, 1/2W. CAPACITOR VALUES ARE IN UUF, ± 10%, 100V.
NOTES:
SEE ENGINEERING RECORDS
DSD12025-501
DASH NO. | NEXT ASSEMBLY | QTY N/A | MODEL
APPLICATION
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON: 2 PLACE DECIMALS ±.02 | 3 PLACE DECIMALS ±.010 | ANGLES ±2°
SURFACE FINISH NOT TO EXCEED
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL
LIST OF MATERIAL SEE LM
PREPARED BY J. ESPOSITO 4-1-66
CHECKED J. Schlesman 6-2-66
DRAFT. SUPV. 6/10/66
DESIGN 6/13/66
APPROVED 6/14/66
Burroughs Corporation
BURROUGHS LABORATORIES, PAOLI, PA.
SCHEMATIC DIAGRAM, ELECTRONIC SELECTION SWITCHES & DRIVERS X-SSD
CODE IDENT NO. 08241 | SIZE C | DSD13025
SCALE — | 4802 | SHEET
202
DSD13025 C
REVISIONS
SYM | DESCRIPTION | DATE | APPROVED
A | REVISED PER C 50655 | DRM. | 9-26-66 | J. Esposito
B | REVISED PER C-64361 | RMC | 5-31-67 | R. Wilson
C | REVISED PER C-65112 | ACS | 7-18-67 | M. Dowlin


REVISIONS
SYM | DESCRIPTION | DATE | APPROVED
A | REVISED PER C-50770 | 10-20-66 | Parsons
B | REVISED PER C-64366 | 3-30-67 | Parsons
+8V (104)
R2-1 470
C1-1 270
R3-1 1800
R4-1 2700
Q1-1 GVL 20377
Q2-1 GVL 20376
Q3-1 2N914
R1-1 180
R5-1 21.5 ±1% 1/2W
R6-1 21.5 ±1% 1/2W
+5.95V (104)
+12V
(208) MIB-1 71
38 I1- (MEMORY STACK)
39 I1+ (MEMORY STACK)
(208) MIB-2 70
41 I2
40 I2+
(MEM. STACK)
(208) MIB-5 67
50 I5
14 I5
(MEM. STACK)
(208) MIB-3 69
43 I3
42 I3+
(MEM. STACK)
(208) MIB-6 66
51 I6
15 I6+
(208) MIB-4 68
12 I4
13 I4+
(MEM. STACK)
20 56 +12V C2 10UF 20V
C3 10UF 20V
21 57 +8V C4 10UF 20V
17 53 +5.95V C5 10 UF 20V
29 65 9 45
NOTICE UNTIL 5-10-67
UNDER ORIGINATING PROJECT CHANGE CONTROL
2. DASHED BLOCK REPRESENTS CIRCUIT IDENTICAL TO SAMPLE. DASHED NUMBER IS COMPONENT REFERENCE DESIGNATION SUFFIX.
1. UNLESS OTHERWISE SPECIFIED RESISTOR VALUES ARE IN OHMS, ±5%, 1/2 W. CAPACITOR VALUES ARE IN UUF ±10%, 100V.
NOTES:
SEE ENGINEERING RECORDS
DSD12026-501
DASH NO. | NEXT ASSEMBLY | QTY N/A | MODEL
APPLICATION
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON 2 PLACE DECIMALS ±.02 3 PLACE DECIMALS ±.010 ANGLES ±2°
SURFACE FINISH NOT TO EXCEED 125
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL
PREPARED BY J.ESPOSITO 5-10-66
CHECKED 6-8-66
DRAFT SUPV 6/10/66
DESIGN 6/13/66
APPROVED 6/14/66
LIST OF MATERIAL SEE LM
Burroughs Corporation
BURROUGHS LABORATORIES, PAOLI, PA.
SCHEMATIC DIAGRAM, ELECTRONIC INFORMATION DRIVERS (IND)
CODE IDENT NO. 08241
SIZE C
DSD 13026
SCALE NONE
SHEET 48C2
DSD13026
203
PRINTED IN U.S.A. 666 570

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER C-50627	R.R. 9-13-66	
	B	REVISED PER C-64367	J.A. 3-29-67	



2. DASHED BLOCKS REPRESENT CIRCUITS IDENTICAL TO SAMPLE. DASH NO. IS COMPONENT REFERENCE DESIGNATION SUFFIX.
1. UNLESS OTHERWISE SPECIFIED:
   RESISTOR VALUES ARE IN OHMS, ±5%, 1/2 W
   CAPACITOR VALUES ARE IN UF, ±10%
   TRANSISTORS ARE GVL20377.

NOTES:

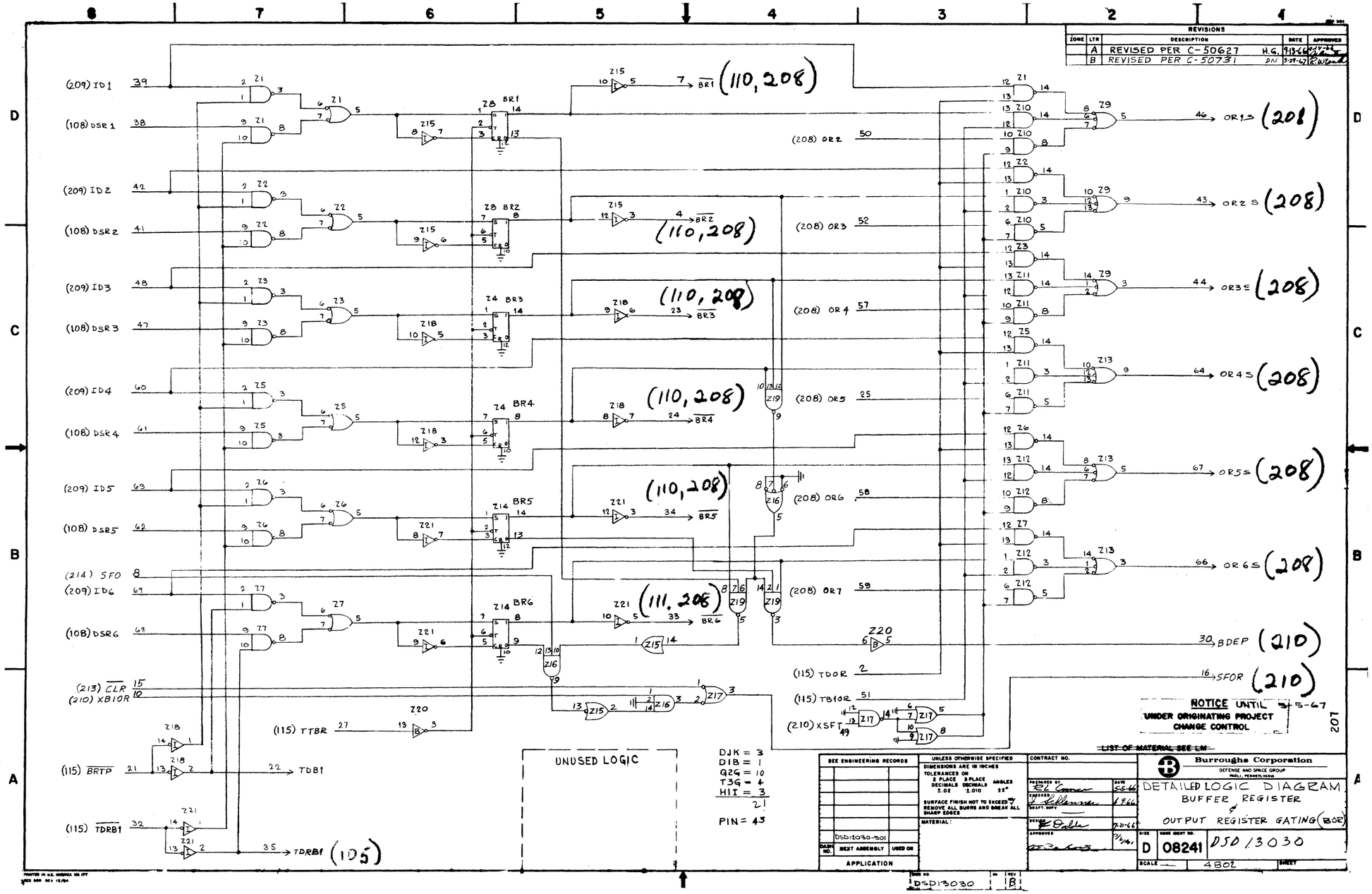
NOTICE UNTIL 7-6-67
UNDER ORIGINATING PROJECT CHANGE CONTROL

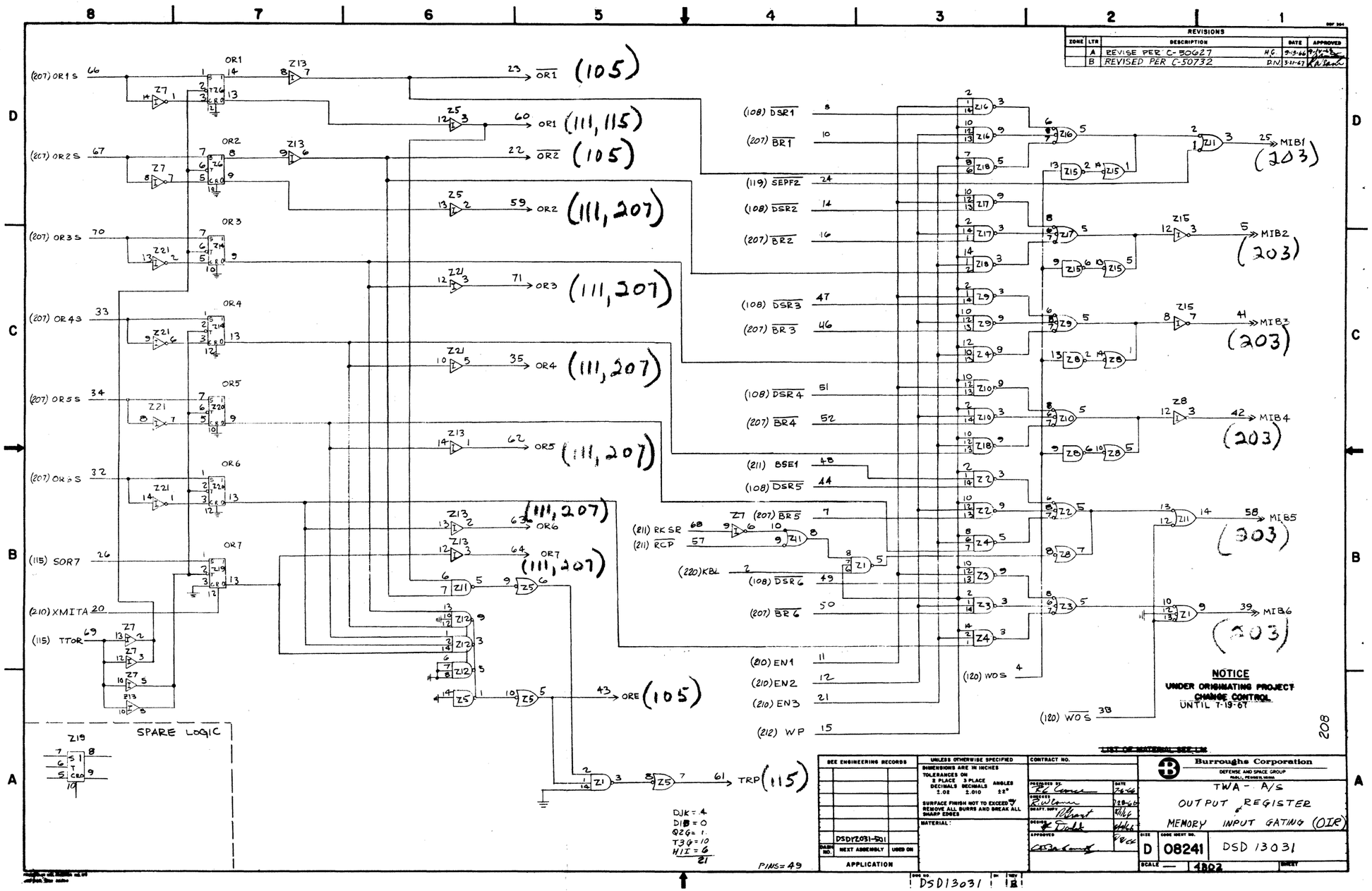
204

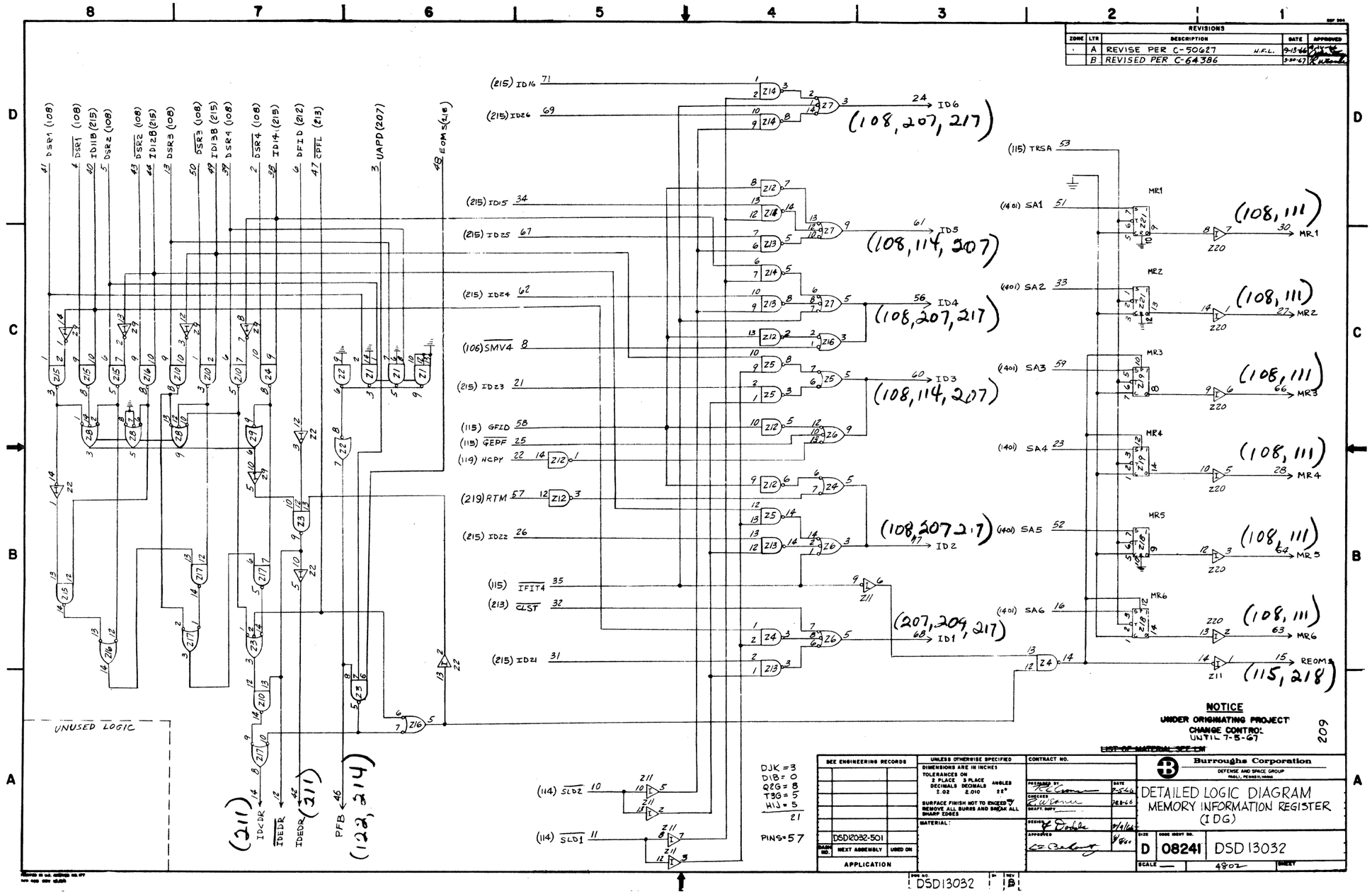
~~LIST OF MATERIAL SEE LM~~

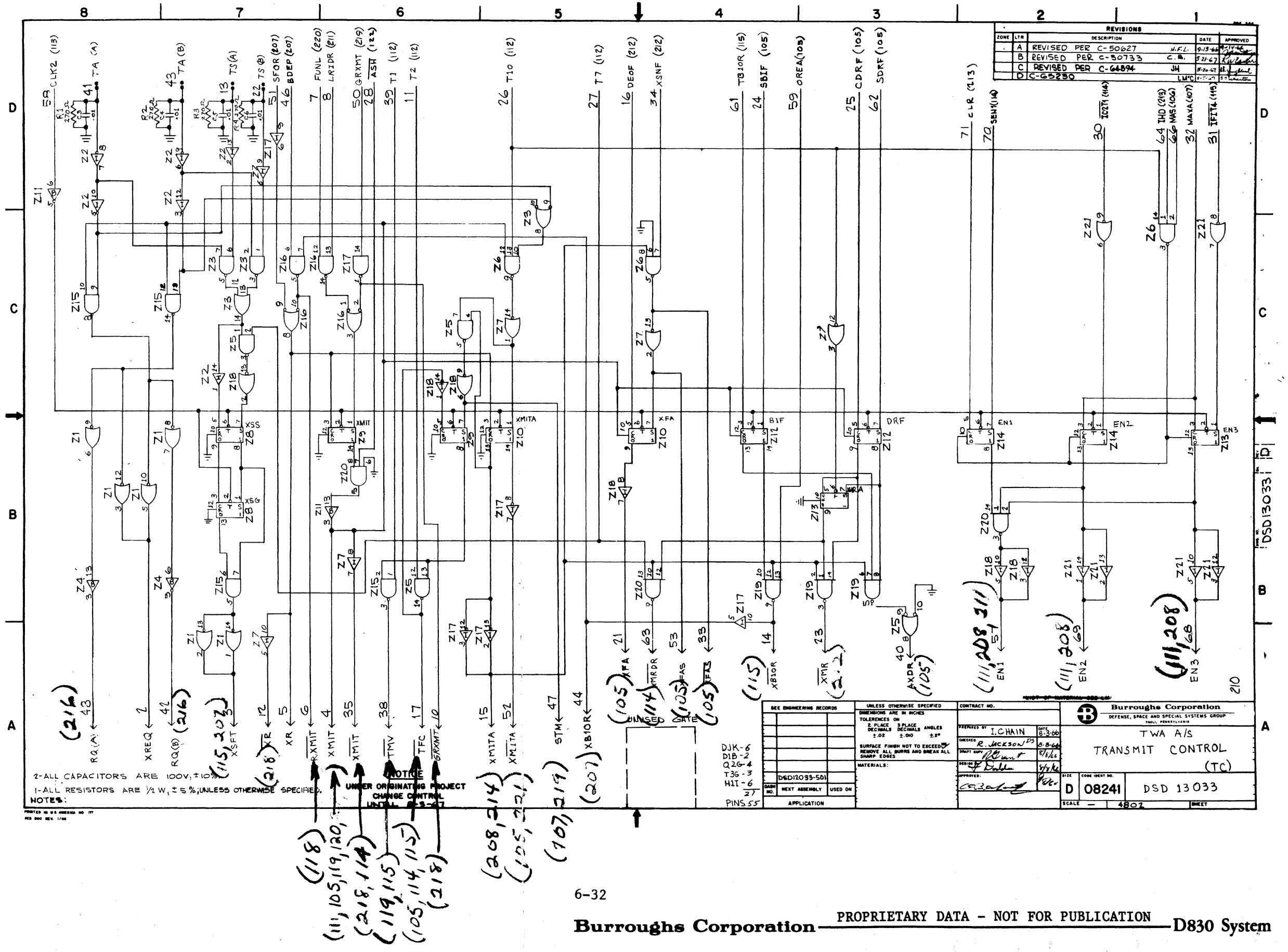
SEE ENGINEERING RECORDS			UNLESS OTHERWISE SPECIFIED	CONTRACT NO.	Burroughs Corporation
			DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE DECIMALS ±.02 3 PLACE DECIMALS ±.010 ANGLES ±2° SURFACE FINISH NOT TO EXCEED 125 REMOVE ALL BURRS AND BREAK ALL SHARP EDGES		DEFENSE AND SPACE GROUP PAOLI, PENNSYLVANIA
				PREPARED BY GW Barton DATE 2-6-66	SCHEMATIC DIAGRAM ELECTRONIC SENSE AMPLIFIER SA
				CHECKED R.W. DATE 6-9-66	
				DRAFT. SUPV —	
			MATERIAL:	DESIGN DATE 6/13/66	
	DSD13027-501			APPROVED DATE 6/14/66	SIZE C · CODE IDENT NO. 08241 · DSD13027
DASH NO.	NEXT ASSEMBLY	USED ON			SCALE NONE · 4802 · SHEET
	APPLICATION				

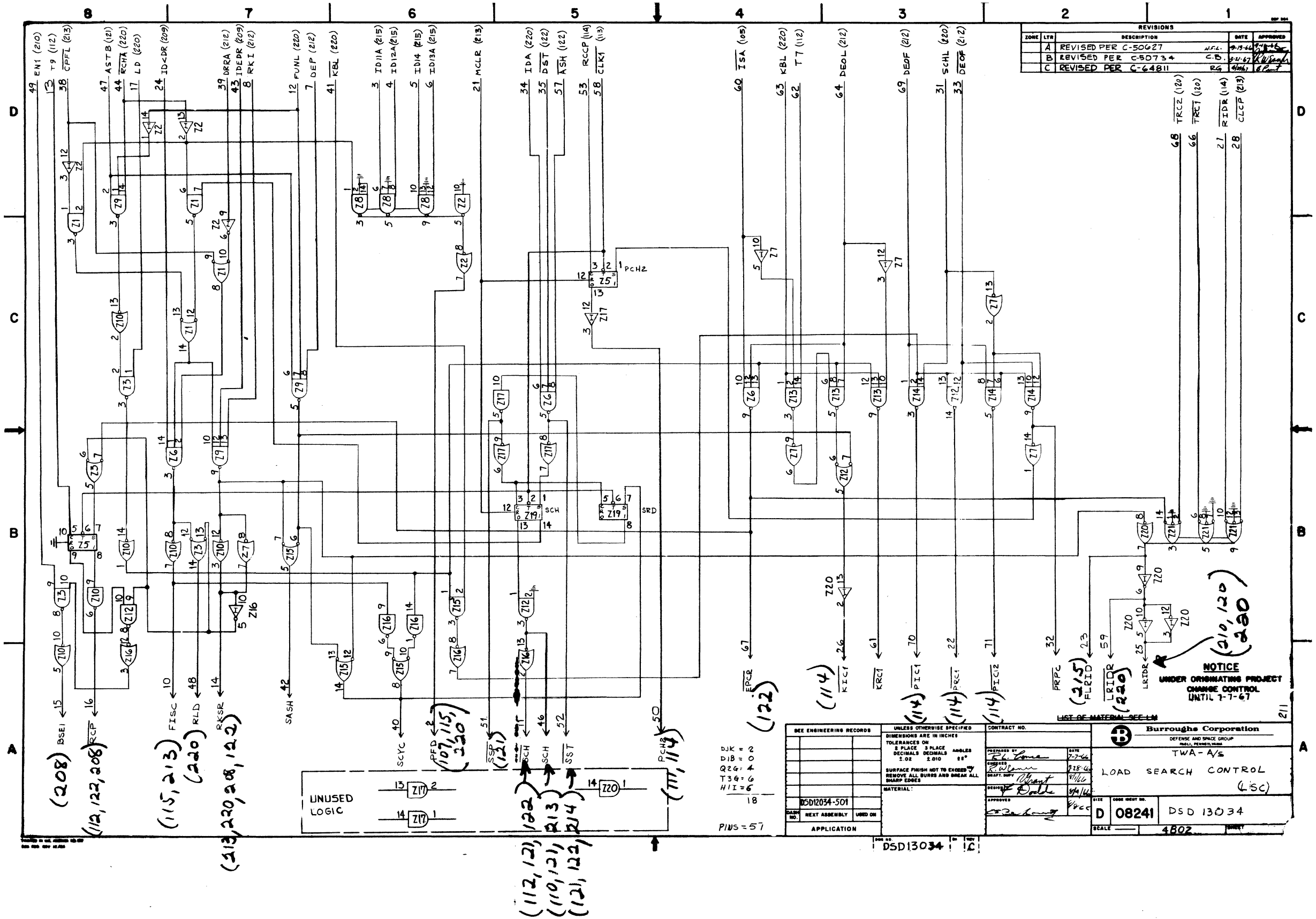
PRINTED IN U.S. AMERICA NO. 177
REG 979 REV 12/64

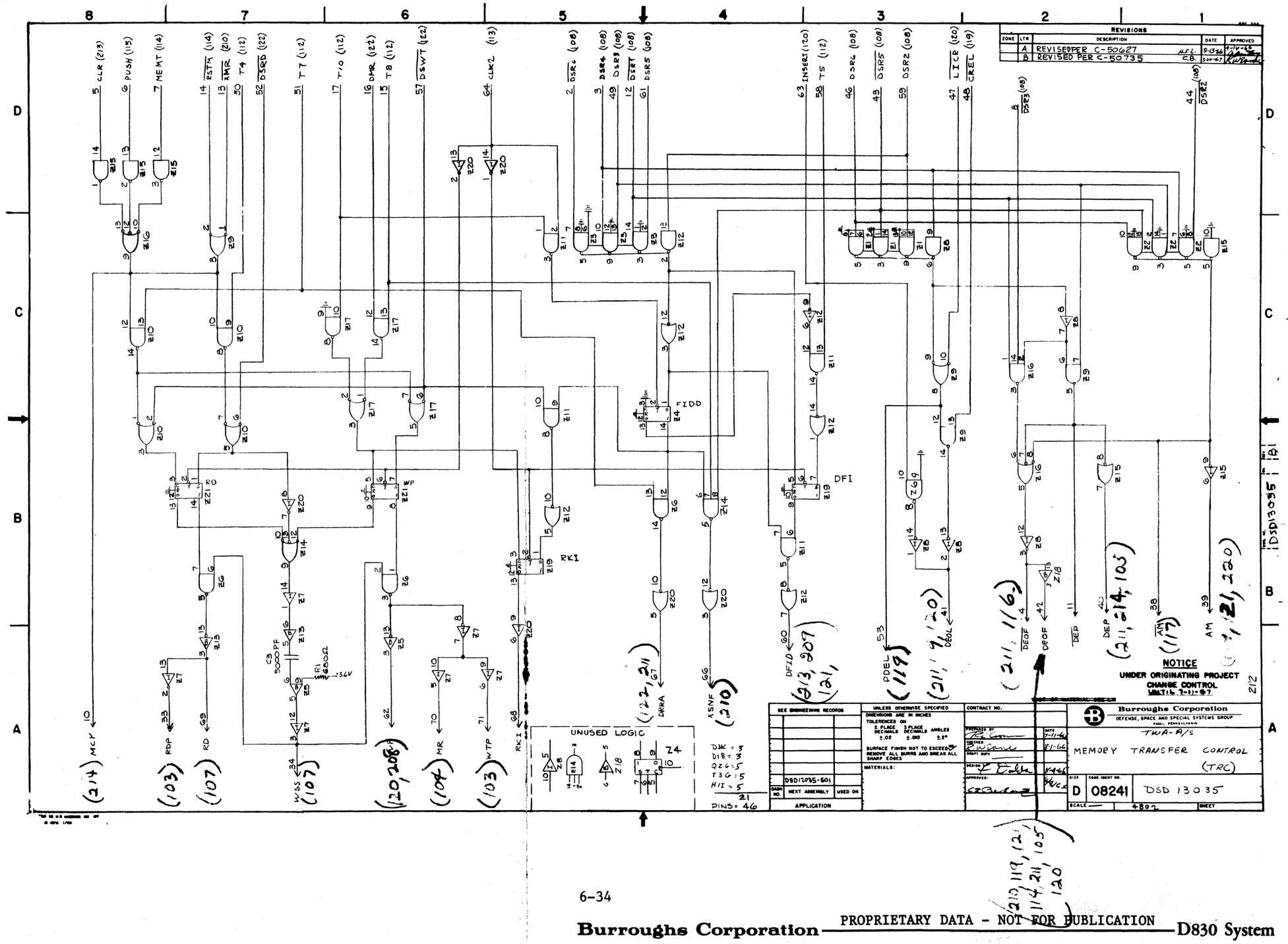

REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
A REVISED PER C-50627 H.G. 9-13-66
B REVISED PER C-50731 DN 3-24-67
(209) ID1 39
(108) DSR1 38
(209) ID2 42
(108) DSR2 41
(209) ID3 48
(108) DSR3 47
(209) ID4 60
(108) DSR4 61
(209) ID5 63
(108) DSR5 62
(214) SFO 8
(209) ID6 69
(108) DSR6 68
(213) CLR 15
(210) XB10R 10
(115) BRTP 21
(115) TDRB1 32
(115) TTBR 27
(115) TDOR 2
(115) TB10R 51
(210) XSFT 49
(208) OR2 50
(208) OR3 52
(208) OR4 57
(208) OR5 25
(208) OR6 58
(208) OR7 59
7 → BR1 (110,208)
BR2 (110,208)
BR3 (110,208)
BR4 (110,208)
BR5 (110,208)
BR6 (111,208)
46 → OR1S (208)
43 → OR2S (208)
44 → OR3S (208)
64 → OR4S (208)
67 → OR5S (208)
66 → OR6S (208)
30 → BDEP (210)
16 → SFOR (210)
22 → TDB1
35 → TDRB1 (105)
UNUSED LOGIC
DJK = 3
DIB = 1
Q2G = 10
T3G = 6
H1I = 3
21
PIN = 43
NOTICE UNTIL 3-5-67
UNDER ORIGINATING PROJECT
CHANGE CONTROL
207
LIST OF MATERIAL SEE LM
Burroughs Corporation
DEFENSE AND SPACE GROUP
PAOLI, PENNSYLVANIA
DETAILED LOGIC DIAGRAM
BUFFER REGISTER & OUTPUT REGISTER GATING (BOR)
SIZE D
CODE IDENT NO. 08241
DSD13030
SCALE — 480Z
SHEET
DSD12030-501
DSD13030
REV B

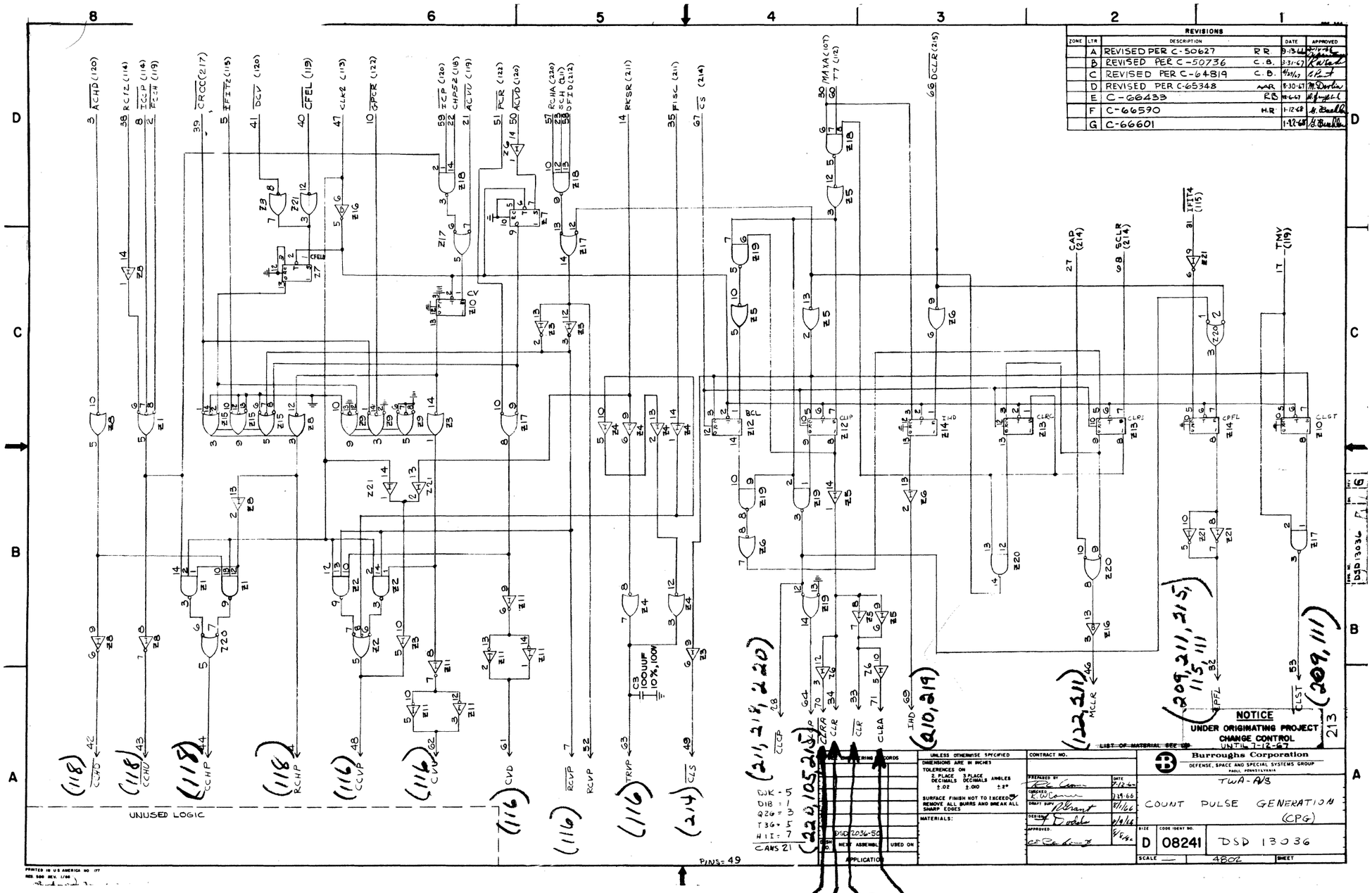

REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
A | REVISE PER C-30627 | HG | 9-15-66
B | REVISED PER C-30732 | DN | 3-21-67
(207) OR1S
(207) OR2S
(207) OR3S
(207) OR4S
(207) OR5S
(207) OR6S
(115) SOR7
(210) XMITA
(115) TTOR
OR1
OR2
OR3
OR4
OR5
OR6
OR7
SPARE LOGIC
Z19
23 OR1 (105)
60 OR1 (111,115)
22 OR2 (105)
59 OR2 (111,207)
71 OR3 (111,207)
35 OR4 (111,207)
62 OR5 (111,207)
63 OR6 (111,207)
64 OR7 (111,207)
43 ORE (105)
61 TRP (115)
(108) DSR1
(207) BR1
(119) SEPF2
(108) DSR2
(207) BR2
(108) DSR3
(207) BR3
(108) DSR4
(207) BR4
(211) BSE1
(108) DSR5
(211) RKSR
(211) RCP
(220) KBL
(108) DSR6
(207) BR6
(80) EN1
(210) EN2
(210) EN3
(212) WP
(120) WOS
MIB1 (203)
MIB2 (203)
MIB3 (203)
MIB4 (203)
MIB5 (203)
MIB6 (203)
NOTICE
UNDER ORIGINATING PROJECT CHANGE CONTROL UNTIL 7-19-67
208
DJK = 4
DIB = 0
Q2G = 1
T3G = 10
HII = 6
21
PINS = 49
SEE ENGINEERING RECORDS
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ±.02
3 PLACE DECIMALS ±.010
ANGLES ±2°
SURFACE FINISH NOT TO EXCEED
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL:
DSDYZ031-501
DRAW NO.
NEXT ASSEMBLY
USED ON
APPLICATION
CONTRACT NO.
PROGRAM MGR.
ENGINEER
DRAFT. SUPV.
DESIGNER
APPROVED
DATE
7-8-66
7-8-66
7/11/67
7/11/67
7/11/67
Burroughs Corporation
DEFENSE AND SPACE GROUP
PASO., PENNSYLVANIA
TWA - A/S
OUTPUT REGISTER
MEMORY INPUT GATING (OIR)
SIZE D
CODE IDENT NO. 08241
DSD 13031
SCALE —
4802
SHEET
DSD13031
REV B

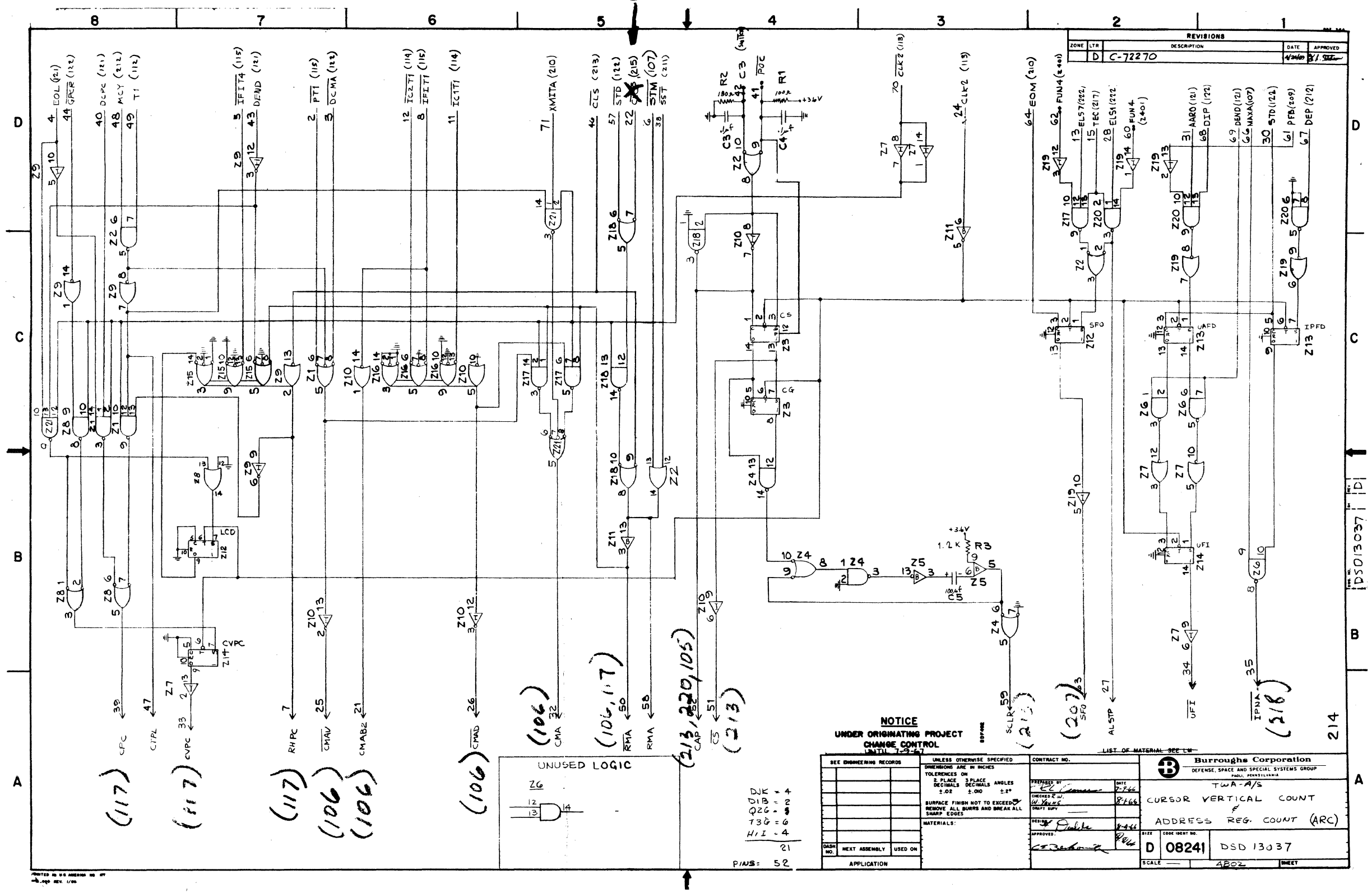

REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
- | A | REVISE PER C-50627 H.F.L. | 9-15-66
B | REVISED PER C-64386 | 3-30-67
(215) ID16 71
(215) ID26 69
(215) ID15 34
(215) ID25 67
(215) ID24 62
(106) SMV4 8
(215) ID23 21
(115) GFID 58
(115) GEPF 25
(119) HCPY 22
(219) RTM 57
(215) ID22 26
(115) IFIT4 35
(213) CLST 32
(215) ID21 31
(114) SLD2 10
(114) SLD1 11
24 ID6 (108, 207, 217)
61 ID5 (108, 114, 207)
56 ID4 (108, 207, 217)
60 ID3 (108, 114, 207)
(108, 207, 217) 17 ID2
(207, 209, 217) 68 ID1
(115) TRSA 53
(1401) SA1 51
(1401) SA2 33
(401) SA3 59
(1401) SA4 23
(1401) SA5 52
(1401) SA6 16
MR1 (108, 111) 30 MR1
MR2 (108, 111) 27 MR2
MR3 (108, 111) 66 MR3
MR4 (108, 111) 28 MR4
MR5 (108, 111) 64 MR5
MR6 (108, 111) 63 MR6
15 REOMS (115, 218)
DSR1 (108) 41
DSR1 (108) 4
ID11B (215) 40
DSR2 (108) 5
DSR2 (108) 43
ID12B (215) 44
DSR3 (108) 13
DSR3 (108) 50
ID13B (215) 49
DSR4 (108) 39
DSR4 (108) 2
ID14 (215) 38
DFID (212) 6
CPFL (213) 47
UAPD (207) 3
EOMS (118) 48
IDEDR 12 (311)
IDEDR 42 (311)
PFB 46 (122, 214)
UNUSED LOGIC
NOTICE
UNDER ORIGINATING PROJECT CHANGE CONTROL UNTIL 7-5-67
209
LIST OF MATERIAL SEE LM
DJK = 3
DIB = 0
R2G = 8
T3G = 5
HIJ = 5
21
PINS = 57
SEE ENGINEERING RECORDS
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ±.02
3 PLACE DECIMALS ±.010
ANGLES ±2°
SURFACE FINISH NOT TO EXCEED
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL:
CONTRACT NO.
DSD12032-501
NEXT ASSEMBLY
USED ON
APPLICATION
Burroughs Corporation
DEFENSE AND SPACE GROUP
PAOLI, PENNSYLVANIA
DETAILED LOGIC DIAGRAM
MEMORY INFORMATION REGISTER
(IDG)
SIZE D
CODE IDENT NO. 08241
DSD13032
SCALE —
SHEET 4802
DSD13032 REV B

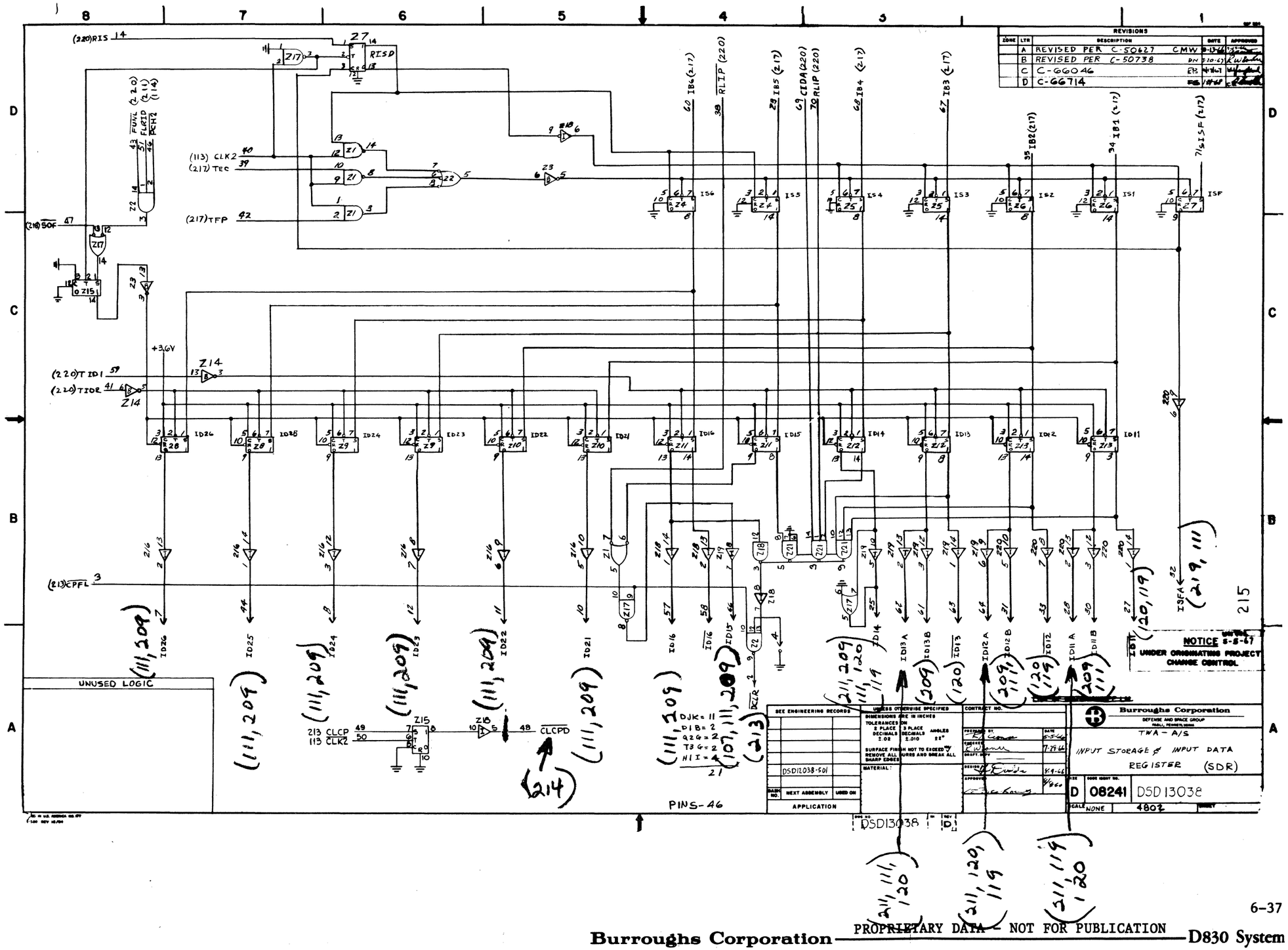

REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
A | REVISED PER C-50627 | M.F.L. | 9-15-66
B | REVISED PER C-50733 | C.B. | 5-21-67
C | REVISED PER C-64894 | JH | 5-26-67
D | C-65250 | LMC
TWA A/S
TRANSMIT CONTROL (TC)
Burroughs Corporation
DEFENSE, SPACE AND SPECIAL SYSTEMS GROUP
PAOLI, PENNSYLVANIA
DSD 13033
D 08241
SCALE — 4802
SHEET
PRINTED BY I.CHAIN
CHECKED R. JACKSON
DRAFT SUPV.
DESIGN SUPV.
APPROVED:
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERENCES ON
2 PLACE DECIMALS ±.02
3 PLACE DECIMALS ±.010
4 PLACE DECIMALS ANGLES ±.5°
SURFACE FINISH NOT TO EXCEED
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIALS:
CONTRACT NO.
BEE ENGINEERING RECORDS
DASH NO. | NEXT ASSEMBLY | USED ON
APPLICATION
D6D12033-501
DJK-6
DJB-2
Q2G-4
T3G-3
HI1-6
PINS 55
NOTICE
UNDER ORIGINATING PROJECT CHANGE CONTROL UNTIL 8-3-67
NOTES:
1-ALL RESISTORS ARE ½ W, ± 5 %; UNLESS OTHERWISE SPECIFIED.
2-ALL CAPACITORS ARE 100V, ± 10%
DSD13033
210

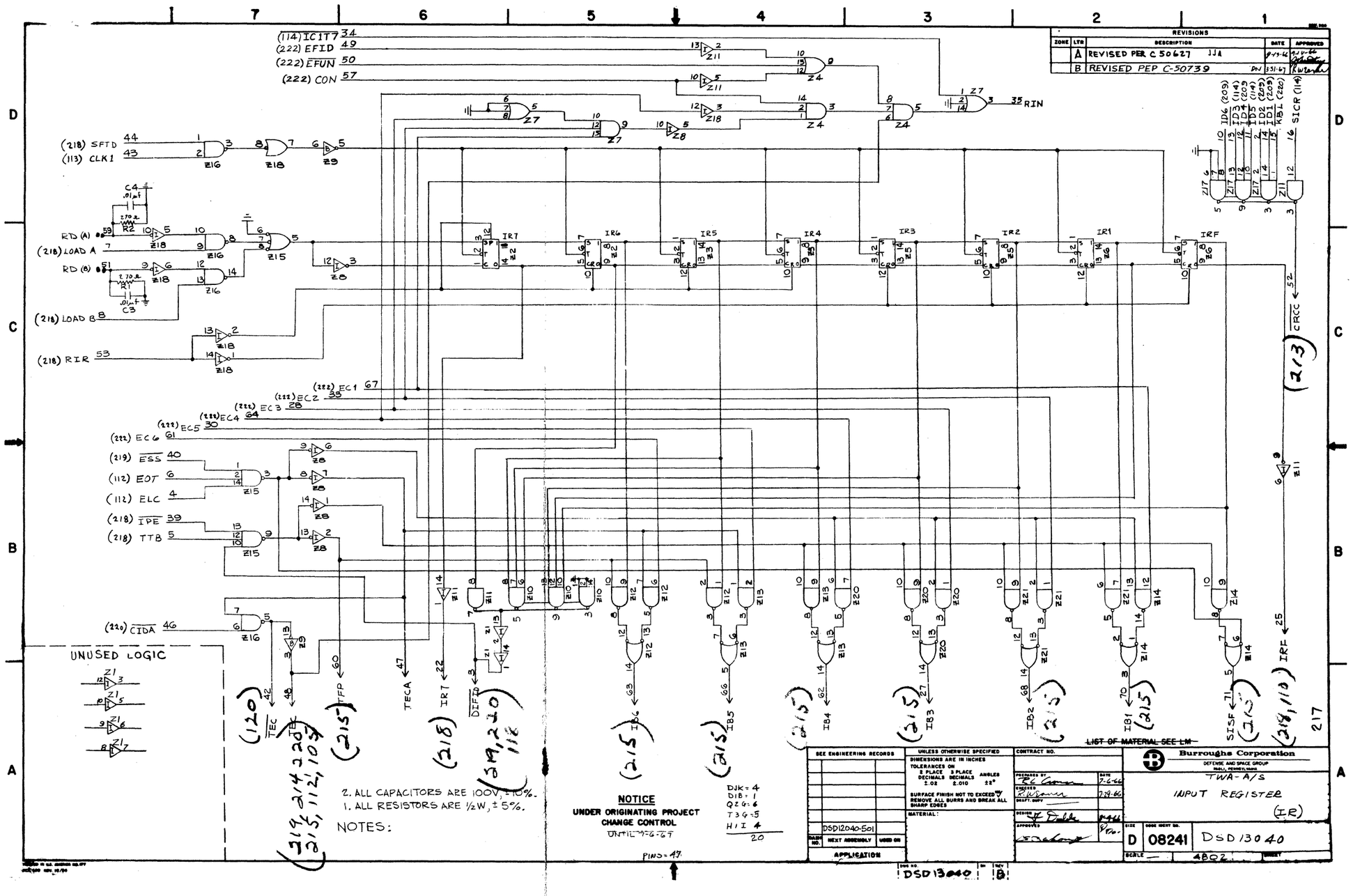

REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
A | REVISED PER C-50627 | M.F.L. | 9-13-66
B | REVISED PER C-50734 | C.B. | 5-24-67
C | REVISED PER C-64811 | RG | 4/26/67
UNUSED LOGIC
NOTICE
UNDER ORIGINATING PROJECT
CHANGE CONTROL
UNTIL 7-7-67
Burroughs Corporation
DEFENSE AND SPACE GROUP
TWA-A/S
LOAD SEARCH CONTROL (LSC)
DSD 13034
SCALE 4802
SIZE D
CODE IDENT NO. 08241
DSD13034

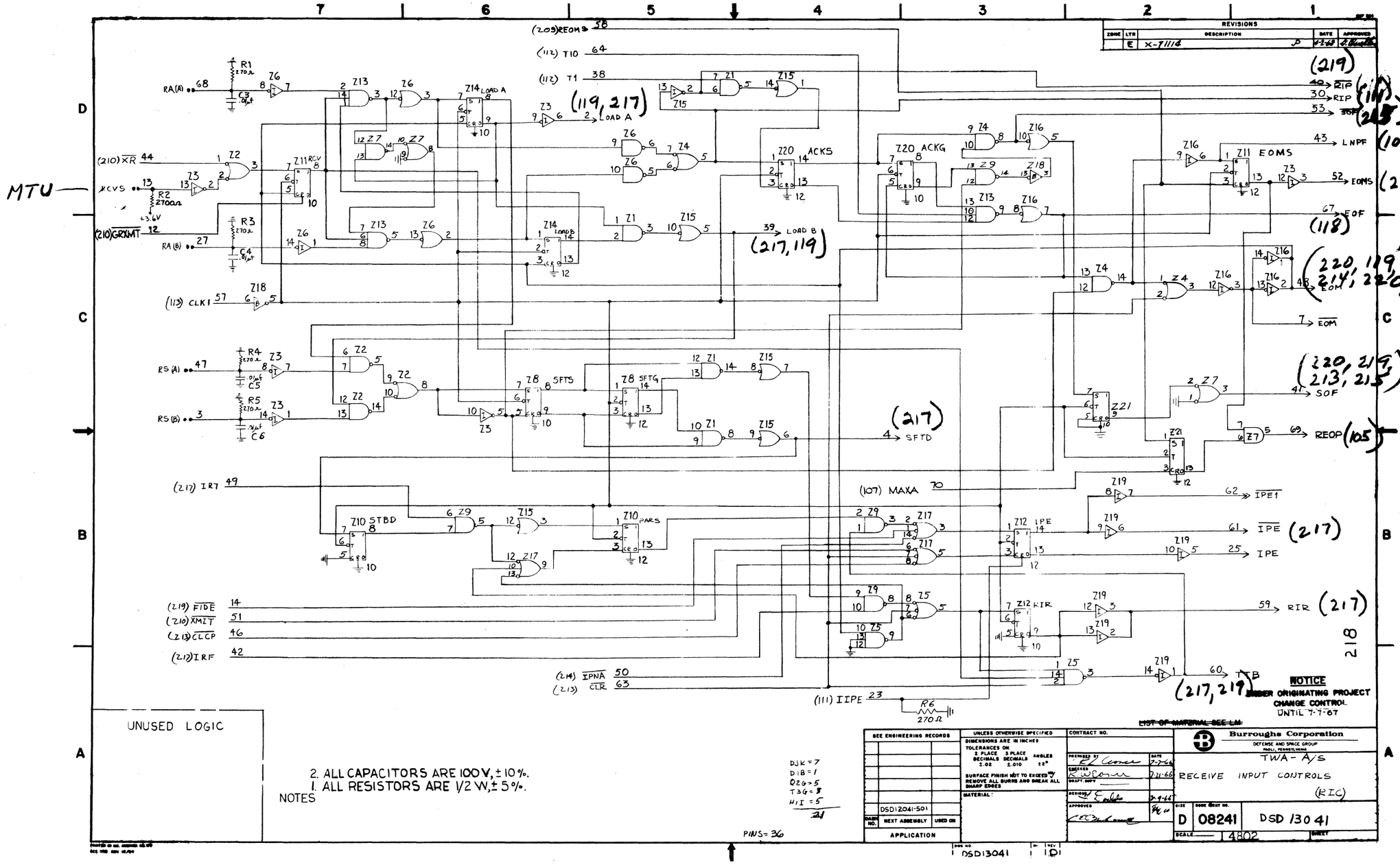

REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
A | REVISEDPER C-50627 | M.F.L. 9-13-66 | 9-14-66
B | REVISED PER C-50735 | C.B. 3-24-67
CLR (213)
PUSH (115)
MEMT (114)
ESTK (114)
XMR (210)
T4 (112)
DSRD (122)
T7 (112)
T10 (112)
DMR (122)
T8 (112)
DSWT (122)
CLK2 (113)
DSR4 (108)
DSR3 (108)
DSRT (108)
DSR5 (108)
INSERT (120)
T5 (112)
DSR4 (108)
DSR5 (108)
DSR2 (108)
LICR (120)
CREL (119)
DSR3 (108)
DSR2 (108)
FIDD
RK1
DFI
DRRA
XSNF
DFID
PDEL
DEOF
DEOL
DEP
AM
AN
C3 5000 PF
R1 680Ω +3.6V
UNUSED LOGIC
DIK = 3
DIB = 3
QZG = 5
T3G = 5
HII = 5
21
DINS = 46
MCY
RDP
RD
WSS
MR
WTP
(214)
(103)
(107)
(120,208)
(104)
(103)
(122, 211, 207)
(213, 207)
(121, 119)
(211, 119, 120)
(211, 116)
(211, 214, 105)
(117)
(121, 220)
(211, 114, 211, 105, 120)
NOTICE
UNDER ORIGINATING PROJECT CHANGE CONTROL
UNTIL 7-11-67
SEE ENGINEERING RECORDS
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ±.02
3 PLACE DECIMALS ±.010
ANGLES ±2°
SURFACE FINISH NOT TO EXCEED
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIALS:
DASH NO. | NEXT ASSEMBLY | USED ON
D5D12035-501
APPLICATION
CONTRACT NO.
PREPARED BY
CHECKED
DRAFT SUPV
DESIGN
APPROVED
DATE 7-11-66
8-1-66
8-9-66
Burroughs Corporation
DEFENSE, SPACE AND SPECIAL SYSTEMS GROUP
PAOLI, PENNSYLVANIA
TWA-R/S
MEMORY TRANSFER CONTROL (TRC)
SIZE D
CODE IDENT NO. 08241
DSD 13035
SCALE —
4-802
SHEET
DSD13035 1 181
212

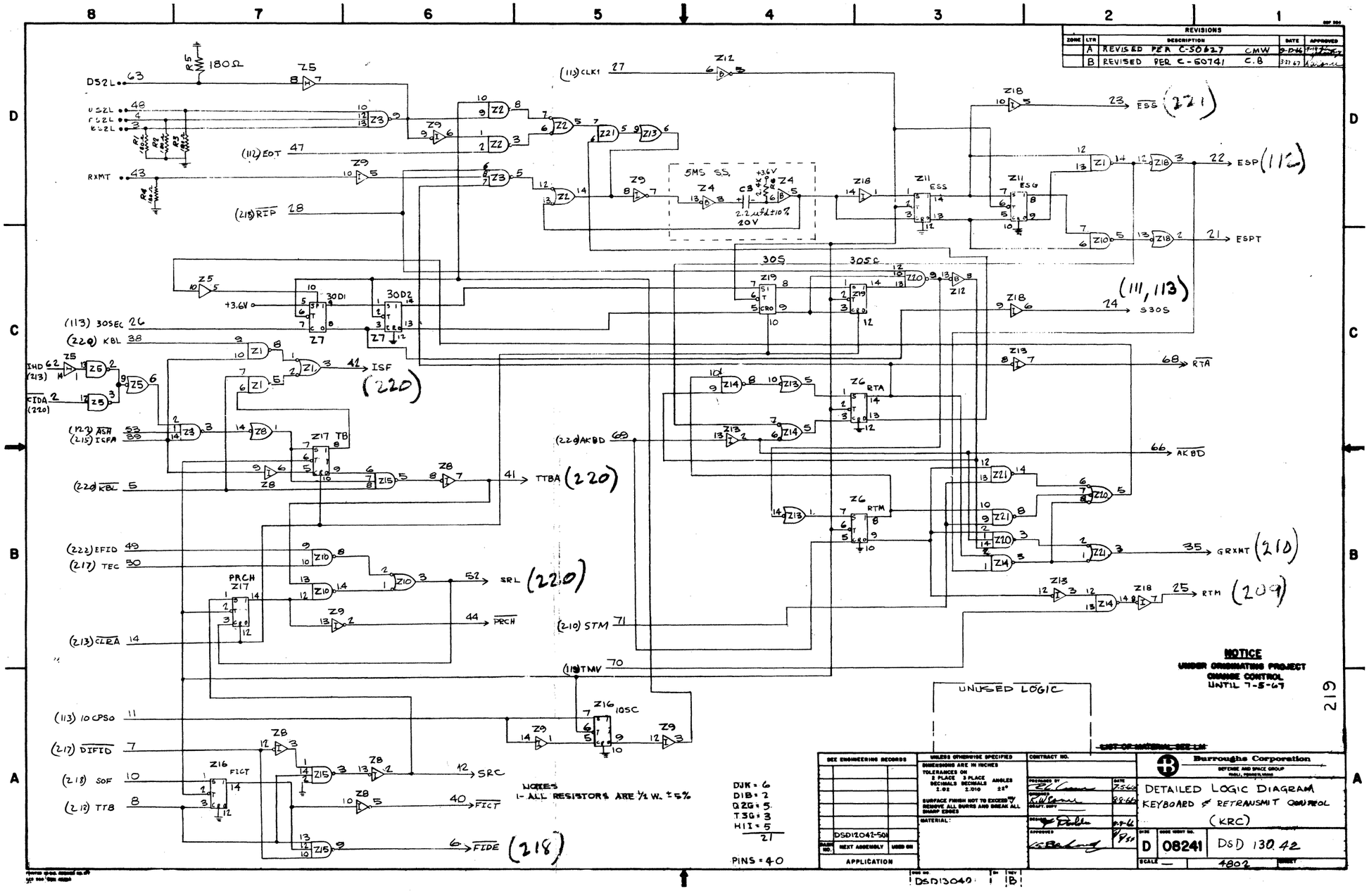

REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
A | REVISED PER C-50627 | R.R. | 9-13-66
B | REVISED PER C-50736 | C.B. | 3-31-67
C | REVISED PER C-64819 | C.B. | 4-24-67
D | REVISED PER C-65348 | M.R. | 9-30-67
E | C-66433 | R.B. | 10-6-67
F | C-66590 | M.R. | 1-12-68
G | C-66601 | | 1-22-68
ACHD (120)
RCIZ (114)
IGCP (114)
FCZH (119)
CROC (217)
IFIT2 (115)
DCV (120)
CFEL (119)
CLK2 (113)
CPCR (122)
ICP (120)
CHPSZ (118)
ACVD (119)
PCR (122)
ACVD (120)
RCHA (220)
SCH (211)
DFID (212)
RKSR (211)
FISC (211)
CS (214)
MAIA (107)
T7 (112)
DCLR (215)
CAP (214)
SCLR (214)
IFIT4 (115)
TMV (119)
UNUSED LOGIC
PINS: 49
NOTICE
UNDER ORIGINATING PROJECT
CHANGE CONTROL
UNTIL 1-12-67
Burroughs Corporation
DEFENSE, SPACE AND SPECIAL SYSTEMS GROUP
PAOLI, PENNSYLVANIA
TWA-AV3
COUNT PULSE GENERATION
(CPG)
DSD 13036
SCALE 4802

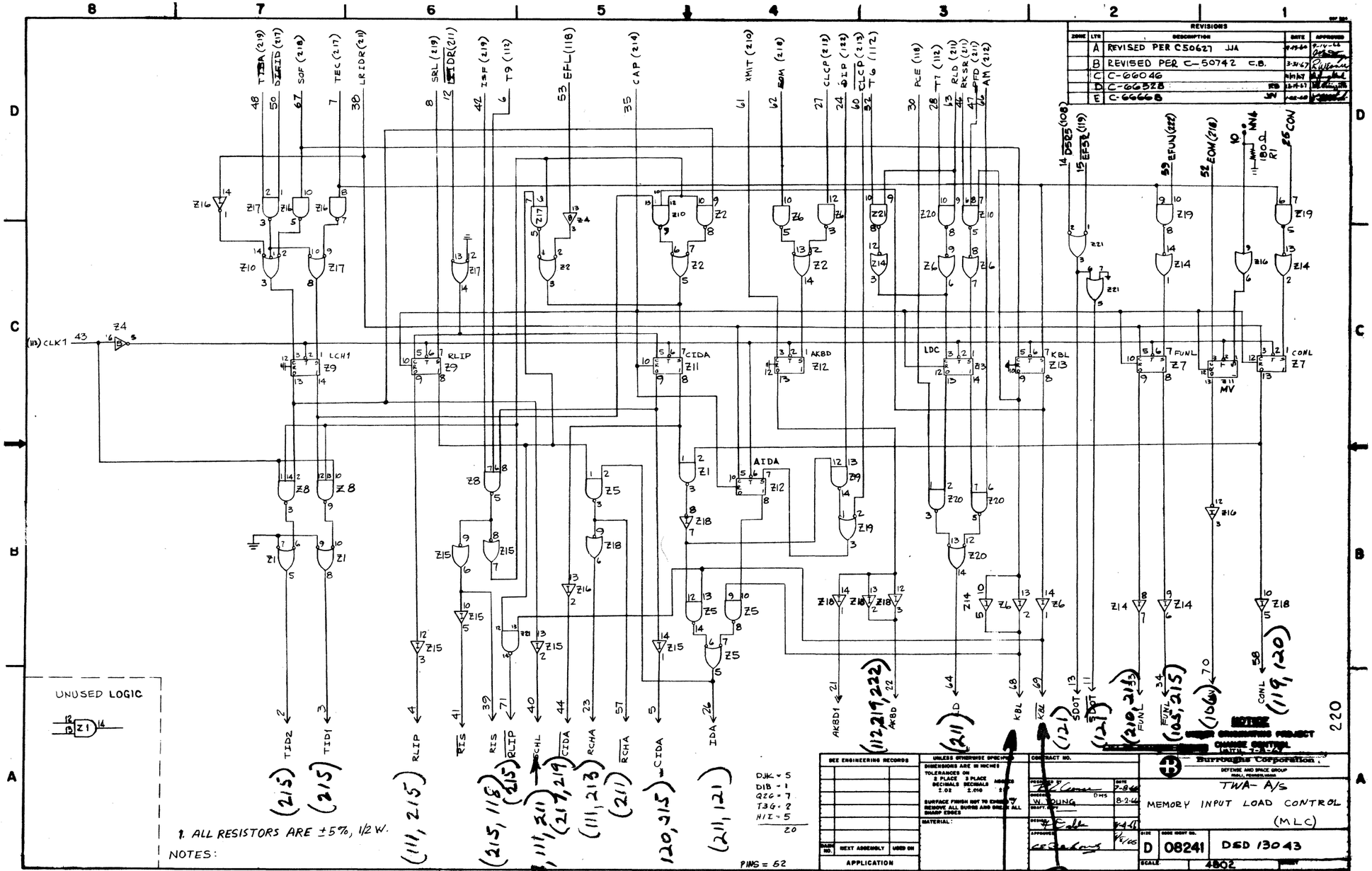

CLCD (217)
REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
D | C-72270 | 4/20/70
EOL (121)
GPCR (112)
DCPC (121)
MCY (112)
TI (112)
IFETT4 (115)
DEND (121)
PTI (115)
DCMA (112)
ICETI (114)
IFETI (115)
ICTTI (114)
XMITA (210)
CLS (213)
STD (122)
STM (107)
SST (211)
CLK2 (113)
EOM (210)
FUN4 (2401)
ELST (222)
TEC (217)
ELSI (212)
AARQ (121)
DIP (122)
DEND (121)
MAXA (107)
STD (122)
PFB (209)
DEP (212)
CPC
CPCL
CVPC
RMPC
CMAV
CMAB2
CMAD
CMA
RMA
SCLR
SFD
AL-STP
UFI
IPNA
IPFD
UNUSED LOGIC
DJK = 4
DJB = 2
QZG = 3
T3B = 6
HI = 4
21
PINS: 52
NOTICE
UNDER ORIGINATING PROJECT CHANGE CONTROL UNTIL 7-9-67
LIST OF MATERIAL SEE LW
Burroughs Corporation
DEFENSE, SPACE AND SPECIAL SYSTEMS GROUP
PAOLI, PENNSYLVANIA
TWA-A/S
CURSOR VERTICAL COUNT
ADDRESS REG. COUNT (ARC)
SIZE D | CODE IDENT NO. 08241 | DSD 13037
SCALE — | SHEET 4802
DASH NO. | NEXT ASSEMBLY | USED ON
APPLICATION
214

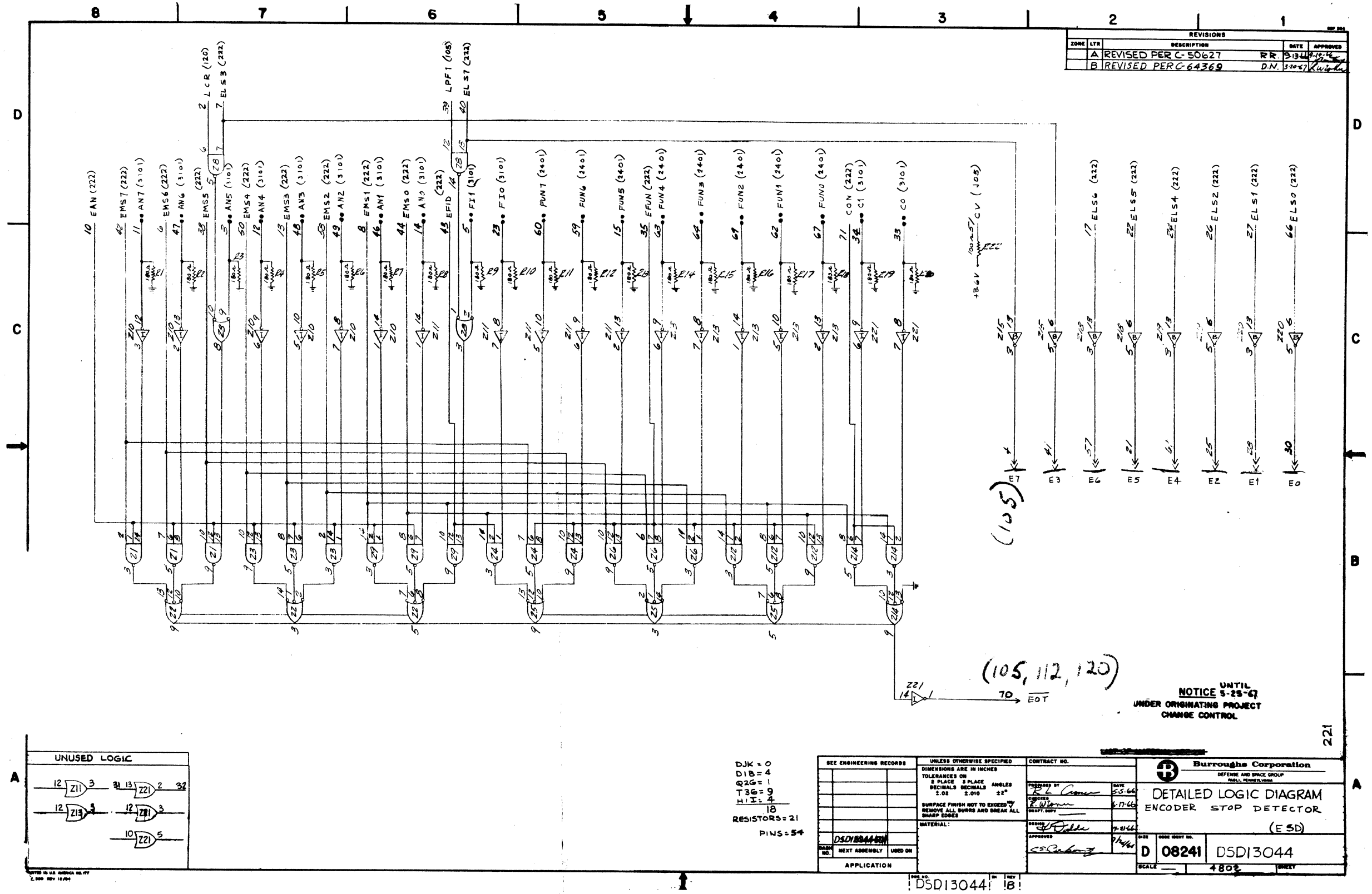

REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
A REVISED PER C-50627 CMW 8-13-64
B REVISED PER C-50738 DM 9-10-65
C C-66046 EBS 4-16-67
D C-66714 EBS 1-24-68
(220)RIS 14
Z17
Z7 RISD
FUNL (220) FLRID (211) PCH2 (114)
(113) CLK2 40
(217) TEC 39
(217)TFP 42
(210)SOF 47
Z15
Z14
+3.6V
(220)TID1 59
(220)TIDR 41
(213)CPFL 3
UNUSED LOGIC
213 CLCP 49
113 CLK2 50
Z15
Z16
CLCPD
DJK=11
DIB=2
Q2G=2
T3G=2
HII=4
21
PINS-46
IB6(217)
RITP (220)
IB5 (217)
CIDA(220)
RLIP (220)
IB4 (217)
IB3 (217)
IB2(217)
IB1 (217)
7/SISF (217)
IS6
IS5
IS4
IS3
IS2
IS1
ISF
ID26
ID25
ID24
ID23
ID22
ID21
ID16
ID15
ID14
ID13
ID12
ID11
ID13A
ID13B
ID12A
ID12B
ID11A
ID11B
ISFA
(111,209)
(211,209 120 119)
(107, 111, 209) (213)
(214)
(219, 111)
(120, 119)
(211, 111 120)
(211, 120, 119)
(211, 119 120)
NOTICE 6-8-67
UNDER ORIGINATING PROJECT CHANGE CONTROL
SEE ENGINEERING RECORDS
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ±.02
3 PLACE DECIMALS ±.010
ANGLES ±2°
SURFACE FINISH NOT TO EXCEED
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL:
DSD13038-501
NEXT ASSEMBLY
USED ON
APPLICATION
CONTRACT NO.
Burroughs Corporation
DEFENSE AND SPACE GROUP
PAOLI, PENNSYLVANIA
TWA - A/S
INPUT STORAGE & INPUT DATA REGISTER (SDR)
SIZE D
CODE IDENT NO. 08241
DSD 13038
SCALE NONE
SHEET 4802
DSD13038 D
215

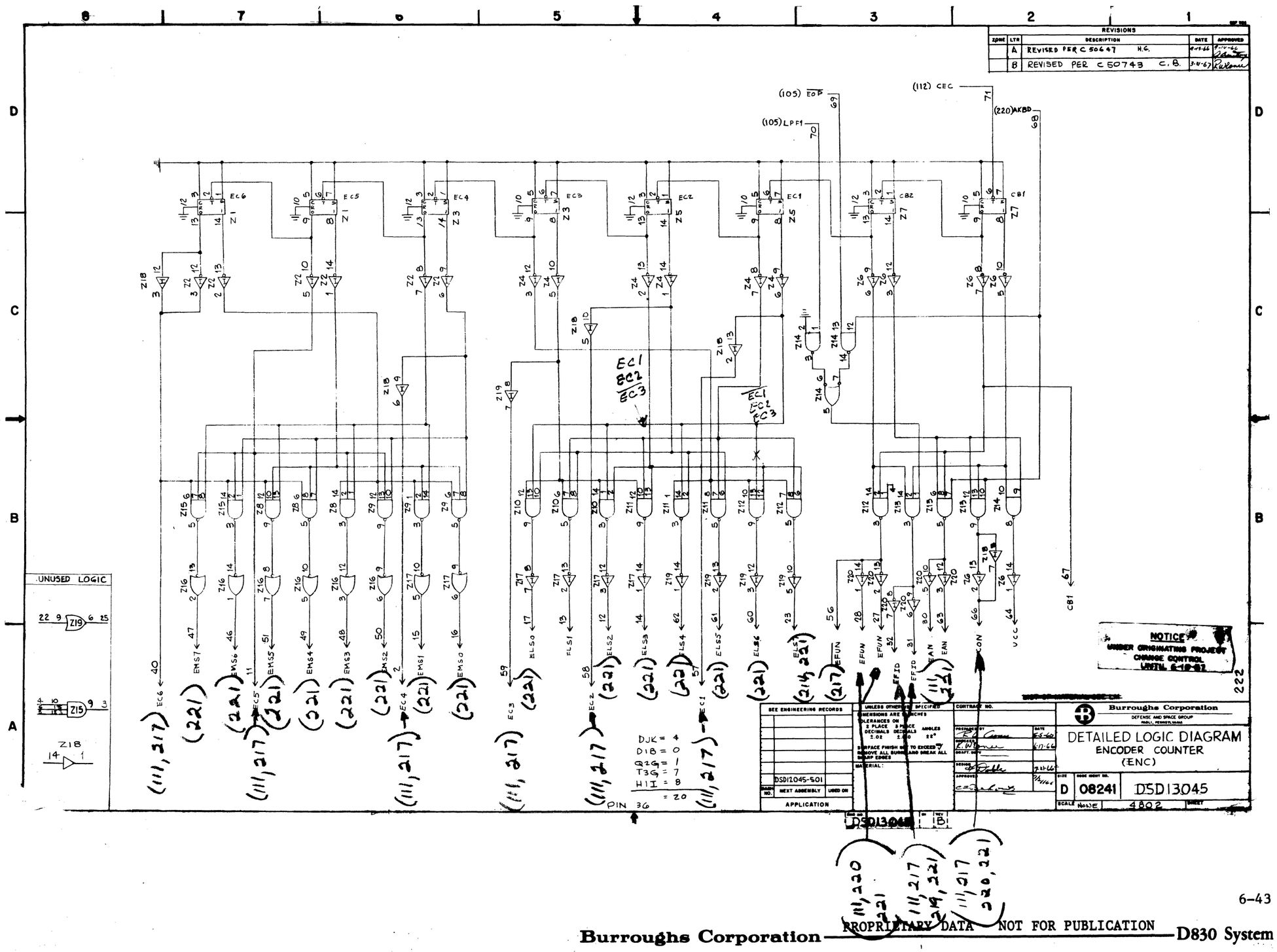

REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
A REVISED PER C 50627 JJA 9-13-66
B REVISED PEP C-50739 DN 3-31-67
(114) IC1T7 34
(222) EFID 49
(222) EFUN 50
(222) CON 57
(218) SFTD 44
(113) CLK1 43
RD (A) 59
(218) LOAD A 7
RD (B) 51
(218) LOAD B 8
(218) RIR 53
(222) EC1 67
(222) EC2 35
(222) EC3 28
(222) EC4 64
(222) EC5 30
(222) EC6 61
(219) ESS 40
(112) EOT 6
(112) ELC 4
(218) IPE 39
(218) TTB 5
(220) CIDA 46
35 RIN
ID6 (209)
ID3 (114)
ID4 (209)
ID5 (209)
ID1 (209)
KBL (220)
SICR (114)
IR7
IR6
IR5
IR4
IR3
IR2
IR1
IRF
(213) CRCC ← 52
TECA 47
IR7 22
DFFD 3
TFP 60
TEC 42
IB6 63
IB5 66
IB4 62
IB3 27
IB2 68
IB1 70
SISF 71
IRF 25
UNUSED LOGIC
2. ALL CAPACITORS ARE 100V, ±10%.
1. ALL RESISTORS ARE ½W, ± 5%.
NOTES:
NOTICE
UNDER ORIGINATING PROJECT
CHANGE CONTROL
UNTIL 7-6-67
DJK = 4
DIB = 1
QZG = 6
T3G = 5
H I 4
20
PINS = 47
LIST OF MATERIAL SEE LM
Burroughs Corporation
DEFENSE AND SPACE GROUP
PAOLI, PENNSYLVANIA
TWA-A/S
INPUT REGISTER
(IR)
DSD12040-501
DSD13040
D 08241 DSD13040
SCALE — 4802
SHEET 217

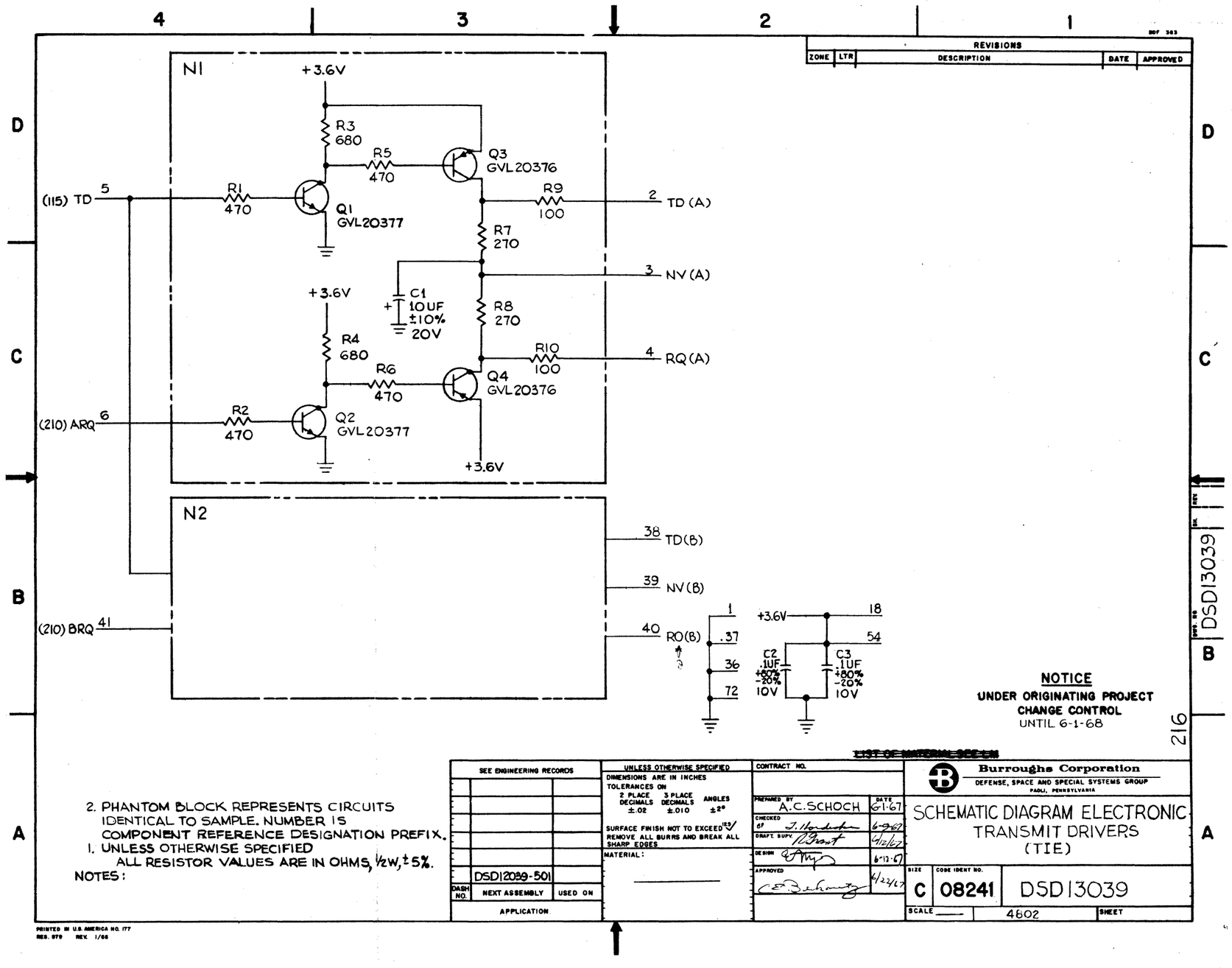

MTU
REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
E X-7111A
(209) REOM 58
(112) T10 64
(112) T1 38
(119, 217) LOAD A
(210) XR 44
XCVS
(210) GRXMT 12
RA (A) 68
RA (B) 27
(113) CLK1 57
RS (A) 47
RS (B) 3
(217) IRT 49
(219) FIDE 14
(210) XMIT 51
(213) CLCP 46
(212) IRF 42
(214) IPNA 50
(213) CLR 63
(111) IIPE 23
39 LOAD B (217, 119)
4 SFTD (217)
(107) MAXA 70
43 LNPF (105)
52 EOMS (209)
67 EOF (118)
48 EOM (220, 119, 214, 220)
7 EOM
41 SOF (220, 219, 213, 215)
69 REOP (105)
62 IPE1
61 IPE (217)
25 IPE
59 RIR (217)
60 ITB (217, 219)
NOTICE UNDER ORIGINATING PROJECT CHANGE CONTROL UNTIL 7-7-67
UNUSED LOGIC
NOTES
1. ALL RESISTORS ARE 1/2 W, ± 5%.
2. ALL CAPACITORS ARE 100V, ± 10%.
PINS = 36
DJK = 7
DIB = 1
Q26 = 5
T3G = 8
H1I = 5
Burroughs Corporation
DEFENSE AND SPACE GROUP
TWA - A/S
RECEIVE INPUT CONTROLS (RIC)
SIZE D
DOC. CONT NO. 08241
DSD 13041
SCALE 4802
DSD12041-501
DSD13041 REV 101
218


8
7
6
5
4
3
2
1
D
C
B
A
REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
A | REVISED PER C-50827 CMW | 9-20-66
B | REVISED PER C-50741 C.B | 3-27-67
R5 180Ω
DS2L 63
US2L 48
RS2L 4
ES2L 3
R1 100Ω R2 100Ω R3 100Ω
R4 100Ω
RXMT 43
(112) EOT 47
(215) RIP 28
(113) CLK1 27
(113) 30SEC 26
(220) KBL 38
+3.6V
IHD 62 (213) M
CIDA 2 (220)
(122) ASH 53
(215) ICFA 55
(220) KBL 5
(222) EFID 49
(217) TEC 50
(213) CLEA 14
(113) 10 CPS0 11
(217) DIFID 7
(218) SOF 10
(218) TTB 8
(210) STM 71
(113) TMV 70
(220) AKBD 69
5MS SS.
C3 2.2 μfd ±10% 20V
30S1
30D2
30S
30SE
Z19
Z20
Z12
Z7
Z6 RTA
Z6 RTM
Z17 TB
PRCH Z17
Z16 FICT
Z16 10SC
ISF (220)
TTBA (220)
SRL (220)
PRCH
SRC
FICT
FIDE (218)
RTA
AKBD
GRXMT (210)
RTM (209)
ESS (221)
ESP (112)
ESPT
S30S (111, 113)
UNUSED LOGIC
NOTICE
UNDER ORIGINATING PROJECT
CHANGE CONTROL
UNTIL 7-5-67
NOTES
1- ALL RESISTORS ARE ½ W. ±5%
DJK = 6
DIB = 7
Q2G = 5
T3G = 3
H1I = 5
21
PINS = 40
DSD13042-501
NEXT ASSEMBLY
APPLICATION
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ±.02
3 PLACE DECIMALS ±.010
ANGLES ±2°
SURFACE FINISH NOT TO EXCEED 125 REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL:
CONTRACT NO.
Burroughs Corporation
DEFENSE AND SPACE GROUP
DETAILED LOGIC DIAGRAM
KEYBOARD & RETRANSMIT CONTROL
(KRC)
SIZE D
CODE IDENT NO. 08241
DSD 130 42
SCALE —
SHEET 4802
DSD13042 1 B
219


REVISIONS
A REVISED PER C50627 JJA
B REVISED PER C-50742 C.B.
C C-66046
D C-66328
E C-66668
TTBA (219)
DSID (217)
SOF (218)
TEC (217)
LRIDR (219)
SRL (219)
IDR (211)
ISF (219)
T9 (112)
EFL (118)
CAP (214)
XMIT (210)
EOM (210)
CLCP (218)
DIP (122)
CLCP (213)
T6 (112)
PCE (118)
T7 (112)
RLD (211)
RKSR (211)
FFD (211)
AM (212)
DSRS (108)
EFSR (119)
EFUN (222)
EOM (218)
MN4
180Ω
R1
FCON
CLK1
LCH1
RLIP
CIDA
AKBD
LDC
KBL
FUNL
CONL
AIDA
UNUSED LOGIC
NOTES:
1. ALL RESISTORS ARE ±5%, 1/2 W.
PINS = 62
DJK - 5
DIB - 1
QZG - 7
T3G - 2
HIZ - 5
20
TWA- A/S
MEMORY INPUT LOAD CONTROL
(MLC)
Burroughs Corporation
DEFENSE AND SPACE GROUP
DSD 13043
D 08241
4802
220


REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
A REVISED PER C-50627 RR. 3-13-67
B REVISED PER C-64369 D.N. 3-20-67
EAN (222)
EMS7 (222)
AN7 (310)
EMS6 (222)
AN6 (310)
EMS5 (222)
ANS (310)
EMS4 (222)
AN4 (310)
EMS3 (222)
AN3 (310)
EMS2 (222)
AN2 (310)
EMS1 (222)
AN1 (310)
EMSO (222)
ANO (310)
EFID (222)
FI1 (310)
FIO (310)
FUN7 (240)
FUN6 (240)
FUN5 (240)
EFUN (222)
FUN4 (240)
FUN3 (240)
FUN2 (240)
FUN1 (240)
FUNO (240)
CON (222)
C1 (310)
CO (310)
LCR (120)
ELS3 (222)
LPF1 (105)
ELS7 (222)
+3.6V
CV (105)
ELS6 (222)
ELS5 (222)
ELS4 (212)
ELS2 (222)
ELS1 (222)
ELSO (222)
E7
E3
E6
E5
E4
E2
E1
EO
(105)
(105, 112, 120)
Z21
70 EOT
NOTICE UNTIL 5-25-67
UNDER ORIGINATING PROJECT CHANGE CONTROL
UNUSED LOGIC
Z11
Z13
Z21
DJK = 0
D1B = 4
Q2G = 1
T3G = 9
H1I = 4
18
RESISTORS = 21
PINS = 54
SEE ENGINEERING RECORDS
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ±.03
3 PLACE DECIMALS ±.010
ANGLES ±2°
SURFACE FINISH NOT TO EXCEED
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL:
CONTRACT NO.
DRAWN BY R.E. Cramer 5-5-66
ENGR'G. R.E. Wilson 6-17-66
DRAFT. SUPV.
DESIGN
APPROVED C.S. Doherty 9/14/66
DRAWN NO. DSD13044 REV B
NEXT ASSEMBLY
USED ON
APPLICATION
Burroughs Corporation
DEFENSE AND SPACE GROUP
PAOLI, PENNSYLVANIA
DETAILED LOGIC DIAGRAM
ENCODER STOP DETECTOR
(E5D)
SIZE D
CODE IDENT NO. 08241
DSD13044
SCALE —
480Σ
SHEET 221
DSD13044 B


REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
A | REVISED PER C 50647 H.G. | 9-15-66
B | REVISED PER C 50743 C.B. | 3-6-67
(105) EOP
(105) LPF1
(112) CEC
(220) AKBD
EC6
EC5
EC4
EC3
EC2
EC1
CB2
CB1
EC1 EC2 EC3
UNUSED LOGIC
Z18
14 1
DJK = 4
D1B = 0
Q2G = 1
T3G = 7
H1I = 8
= 20
DIN 36
NOTICE
UNDER ORIGINATING PROJECT
CHANGE CONTROL
UNTIL 6-19-67
222
SEE ENGINEERING RECORDS
DSD12045-501
NEXT ASSEMBLY
USED ON
APPLICATION
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
1 PLACE DECIMALS ±.02
2 PLACE DECIMALS ±.010
ANGLES ±2°
SURFACE FINISH 250 TO EXCEED
REMOVE ALL BURRS AND BREAK ALL
SHARP EDGES
MATERIAL:
CONTRACT NO.
Burroughs Corporation
DEFENSE AND SPACE GROUP
PAOLI, PENNSYLVANIA
DETAILED LOGIC DIAGRAM
ENCODER COUNTER
(ENC)
SIZE D
CODE IDENT NO. 08241
DSD13045
SCALE NONE
4802
SHEET
DSD13045 1 B1


4
3
2
1
REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
N1
+3.6V
R3 680
R5 470
Q3 GVL20376
R9 100
2 TD (A)
(115) TD 5
R1 470
Q1 GVL20377
R7 270
3 NV (A)
C1 10UF ±10% 20V
R8 270
R4 680
R10 100
4 RQ (A)
R6 470
Q4 GVL20376
(210) ARQ 6
R2 470
Q2 GVL20377
+3.6V
N2
38 TD(B)
39 NV(B)
(210) BRQ 41
40 RO(B)
1
.37
36
72
+3.6V
18
54
C2 .1UF +80% -20% 10V
C3 .1UF +80% -20% 10V
NOTICE
UNDER ORIGINATING PROJECT
CHANGE CONTROL
UNTIL 6-1-68
216
2. PHANTOM BLOCK REPRESENTS CIRCUITS IDENTICAL TO SAMPLE. NUMBER IS COMPONENT REFERENCE DESIGNATION PREFIX.
1. UNLESS OTHERWISE SPECIFIED ALL RESISTOR VALUES ARE IN OHMS, ½W, ±5%.
NOTES:
SEE ENGINEERING RECORDS
DSD12089-501
DASH NO. | NEXT ASSEMBLY | USED ON
APPLICATION
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ±.02
3 PLACE DECIMALS ±.010
ANGLES ±2°
SURFACE FINISH NOT TO EXCEED 125
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL:
CONTRACT NO.
PREPARED BY A.C.SCHOCH 6-1-67
CHECKED 6-7-67
DRAFT SUPV 6/12/67
DESIGN 6-11-67
APPROVED 6/22/67
Burroughs Corporation
DEFENSE, SPACE AND SPECIAL SYSTEMS GROUP
PAOLI, PENNSYLVANIA
SCHEMATIC DIAGRAM ELECTRONIC
TRANSMIT DRIVERS
(TIE)
SIZE C | CODE IDENT NO. 08241 | DSD13039
SCALE —— | 4802 | SHEET
PRINTED IN U.S.A. FORM NO. 177
REG. 979 REV. 1/68
DSD13039
REV. B
A
B
C
D

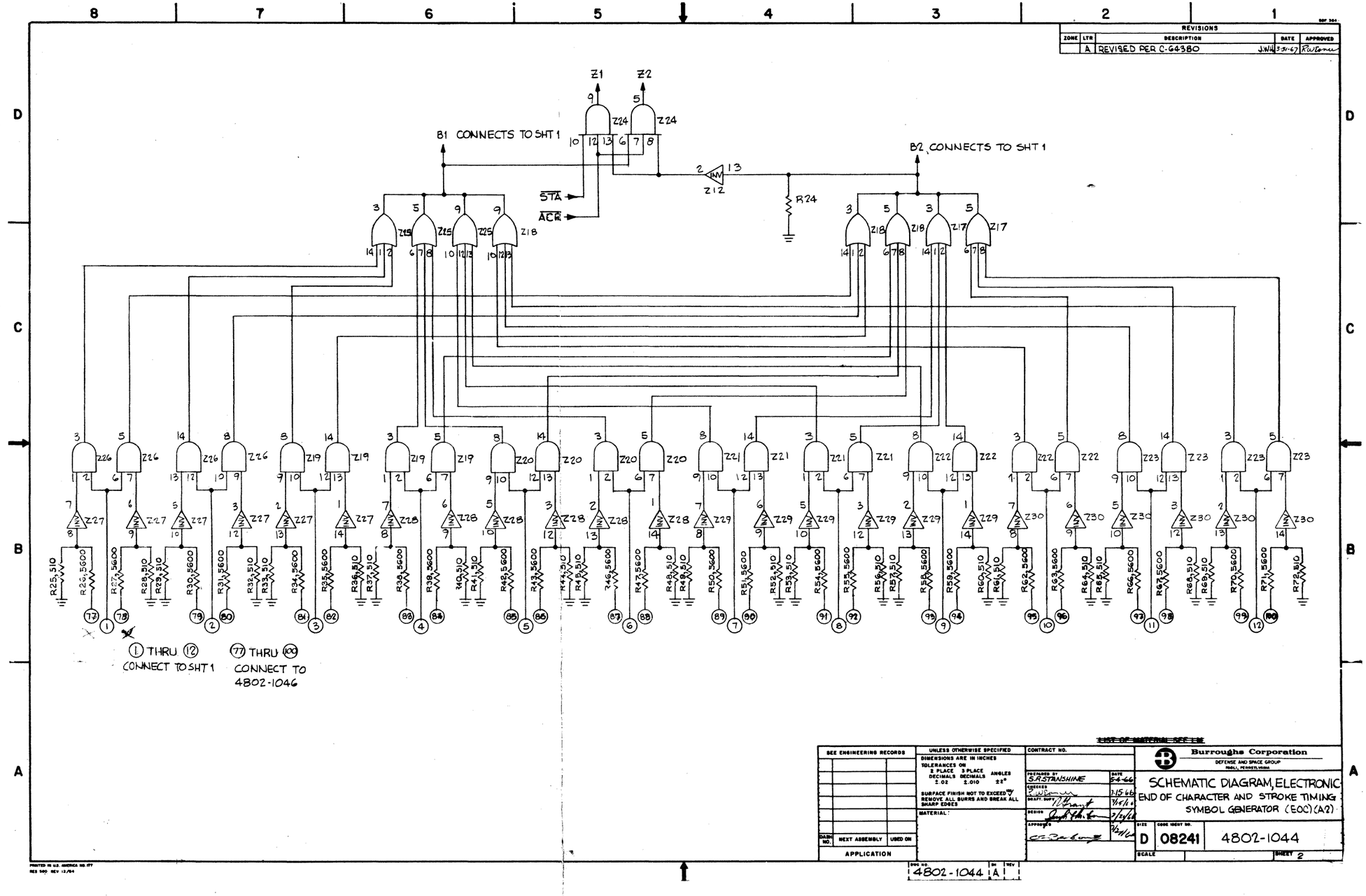
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER C-64380, SEE SH. 2 JWH	3-30-67	
	B	C-66657 SSH	7-12-68	
	C	X-71049 JC	3-22-69	

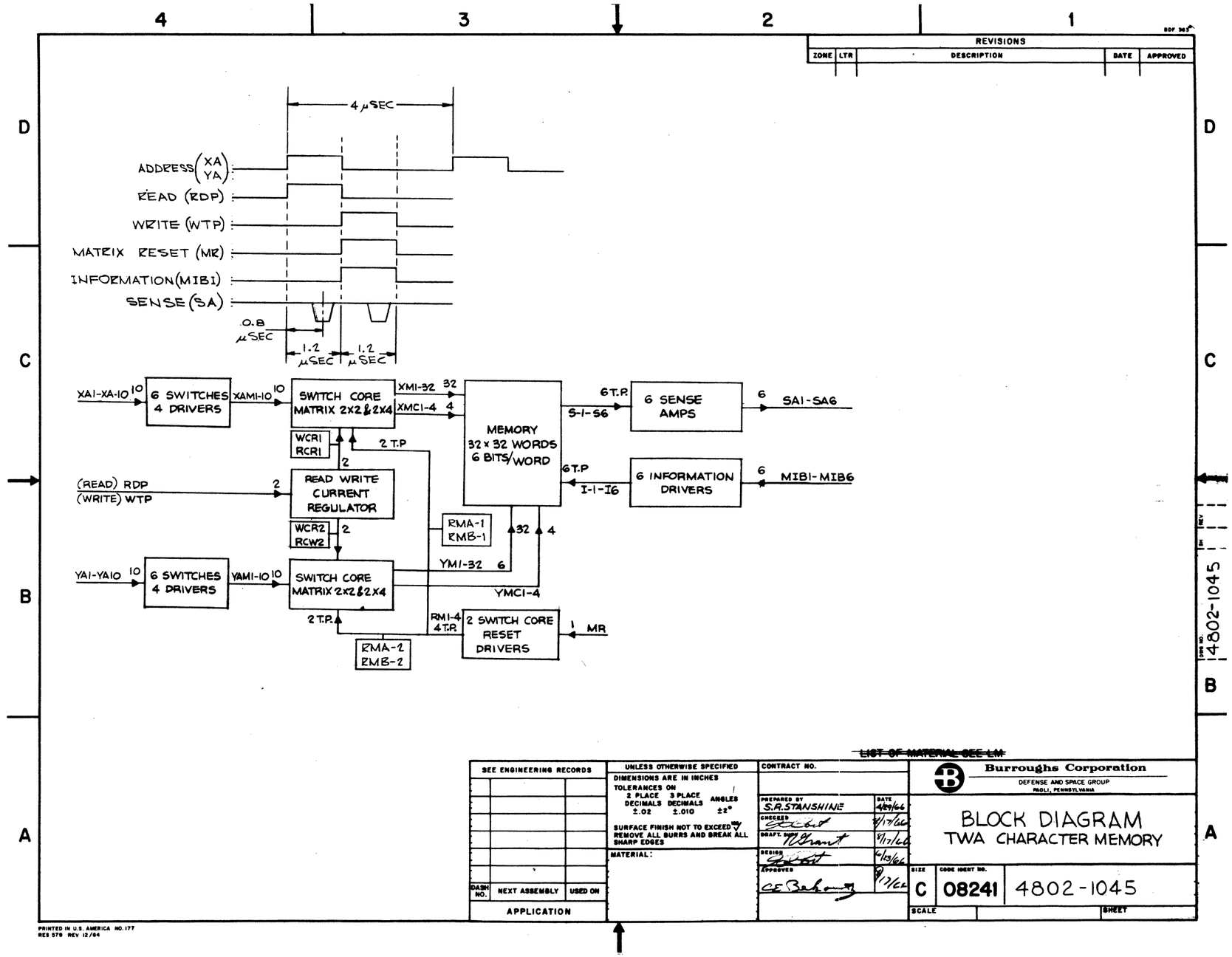
1. UNLESS OTHERWISE SPECIFIED:
   ALL CAPACITOR VALUES ARE IN UF.
   ALL RESISTORS ARE 470 Ω, ½W, ±5%

NOTES:

UNUSED LOGIC

SEE ENGINEERING RECORDS	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES; TOLERANCES ON: 2 PLACE DECIMALS ±.02, 3 PLACE DECIMALS ±.010, ANGLES ±2°; SURFACE FINISH NOT TO EXCEED ▽; REMOVE ALL BURRS AND BREAK ALL SHARP EDGES; MATERIAL:	CONTRACT NO.	Burroughs Corporation, DEFENSE AND SPACE GROUP, PAOLI, PENNSYLVANIA
4802-1089-S4		PREPARED BY S.R. STANSHINE 5-4-66	SCHEMATIC DIAGRAM, ELECTRONIC END OF CHARACTER AND STROKE TIMING SYMBOL GENERATOR (EOC) (A2)
SHARE NO. / NEXT ASSEMBLY / USED ON		CHECKED 7-15-66	
APPLICATION		DRAFT. DATE 7/11/66	
		DESIGN 7/5/66	SIZE D · CODE IDENT NO. 08241 · 4802-1044
		APPROVED 7/5/66	SCALE · SHEET 1 OF 2
	DWG NO. 4802-1044 · REV C		


REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
A | REVISED PER C-64380 | J.W.H. 3-31-67
B1 CONNECTS TO SHT 1
B2 CONNECTS TO SHT 1
Z1
Z2
Z24
Z12
R24
STA
ACQ
R25,510
R26,5600
R27,5600
R28,510
R29,510
R30,5600
R31,5600
R32,510
R33,510
R34,5600
R35,5600
R36,510
R37,510
R38,5600
R39,5600
R40,510
R41,510
R42,5600
R43,5600
R44,510
R45,510
R46,5600
R47,5600
R48,510
R49,510
R50,5600
R51,5600
R52,510
R53,510
R54,5600
R55,5600
R56,510
R57,510
R58,5600
R59,5600
R60,510
R61,510
R62,5600
R63,5600
R64,510
R65,510
R66,5600
R67,5600
R68,510
R69,510
R70,5600
R71,5600
R72,510
(1) THRU (12) CONNECT TO SHT 1
(77) THRU (100) CONNECT TO 4802-1046
SEE ENGINEERING RECORDS
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ±.02
3 PLACE DECIMALS ±.010
ANGLES ±2°
SURFACE FINISH NOT TO EXCEED
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL
CONTRACT NO.
PREPARED BY S.A.STANSHINE 5-4-66
CHECKED 7-15-66
DESIGN 7/14/66
APPROVED 7/14/66
Burroughs Corporation
DEFENSE AND SPACE GROUP
PAOLI, PENNSYLVANIA
SCHEMATIC DIAGRAM, ELECTRONIC
END OF CHARACTER AND STROKE TIMING
SYMBOL GENERATOR (EOC)(A2)
SIZE D
CODE IDENT NO. 08241
4802-1044
SCALE
SHEET 2
DASH NO.
NEXT ASSEMBLY
USED ON
APPLICATION
DWG NO 4802-1044
SH A
REV 1



REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED

SEE ENGINEERING RECORDS

DASH NO.	NEXT ASSEMBLY	USED ON
APPLICATION		

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ±.02
3 PLACE DECIMALS ±.010
ANGLES ±2°
SURFACE FINISH NOT TO EXCEED 125
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL:

CONTRACT NO.

~~LIST OF MATERIAL SEE LM~~

		DATE
PREPARED BY	S.P. STANSHINE	4/29/66
CHECKED		5/17/66
DRAFT. SUPV.		5/17/66
DESIGN		6/13/66
APPROVED		9/27/66

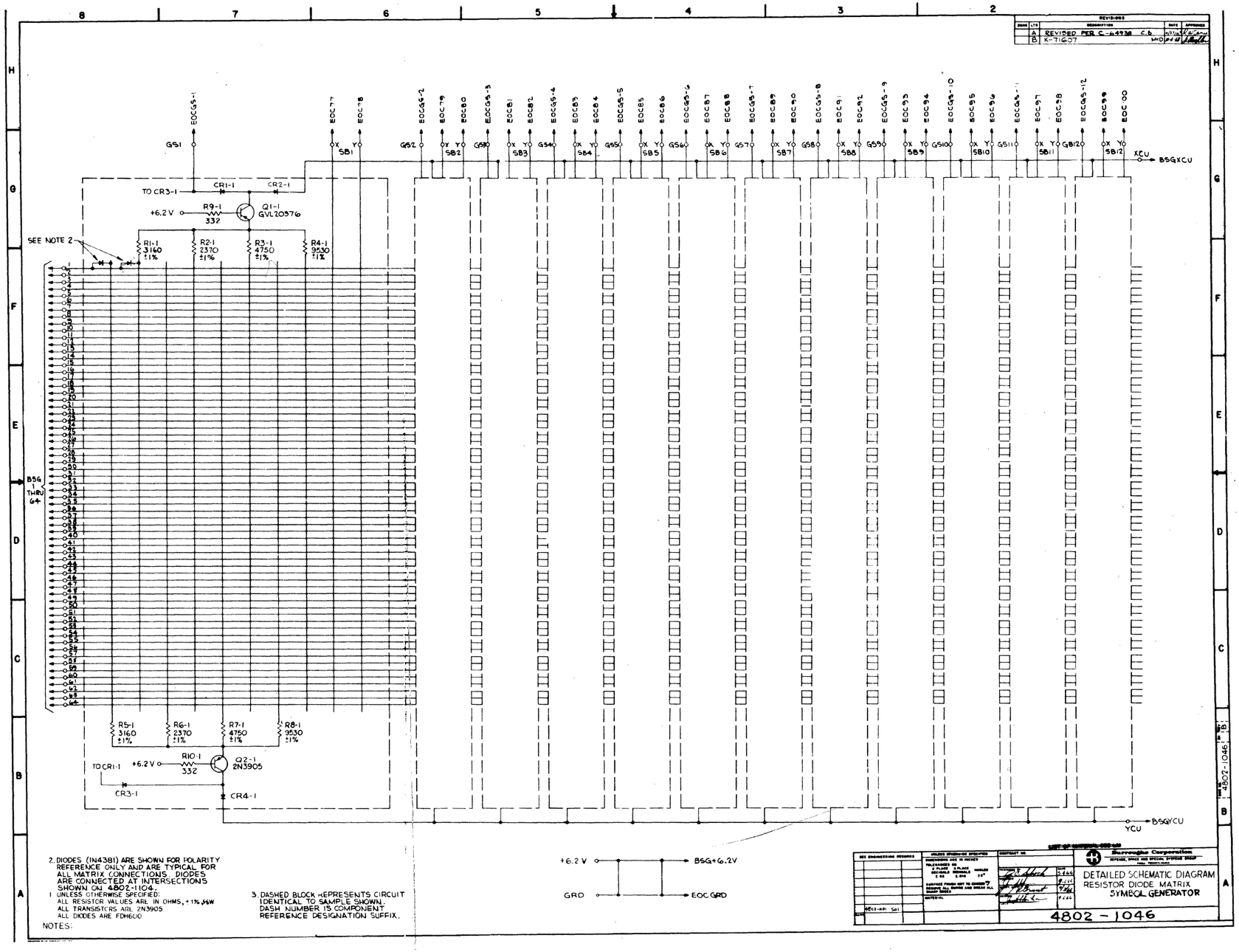
Burroughs Corporation
DEFENSE AND SPACE GROUP
PAOLI, PENNSYLVANIA

BLOCK DIAGRAM
TWA CHARACTER MEMORY

SIZE C | CODE IDENT NO. 08241 | 4802-1045
SCALE | SHEET

DWG NO. 14802-1045 REV

PRINTED IN U.S. AMERICA NO. 177
RES 579 REV 12/64

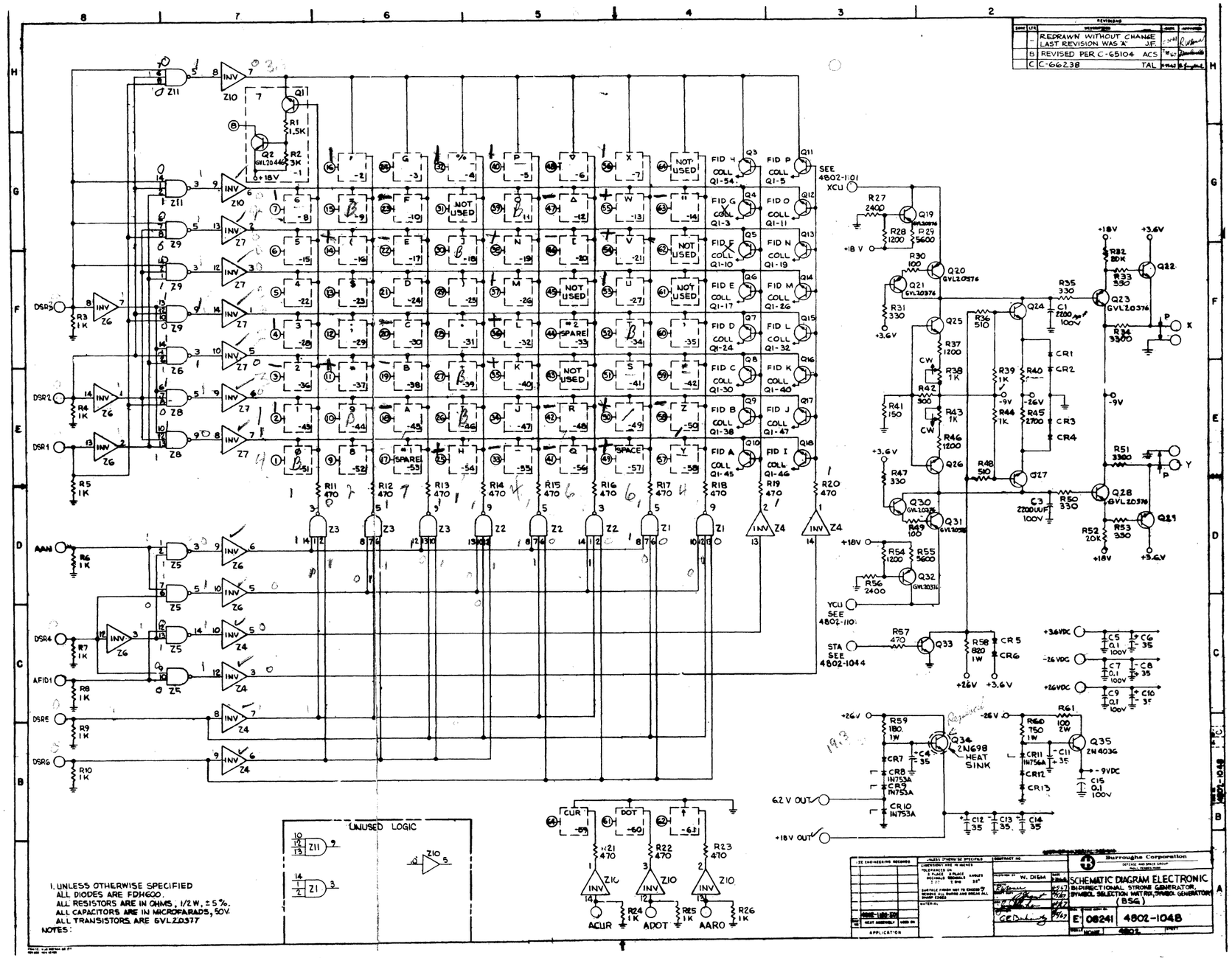

REVISIONS
A REVISED PER C-64938
B K-71607
EOCGS-1
GS1
EOC-77
EOC-78
SB1
EOCGS-2
GS2
EOC-79
EOC-80
SB2
EOCGS-3
GS3
EOC81
EOC82
SB3
EOCGS-4
GS4
EOC83
EOC84
SB4
EOCGS-5
GS5
EOC85
EOC86
SB5
EOCGS-6
GS6
EOC87
EOC88
SB6
EOCGS-7
GS7
EOC89
EOC90
SB7
EOCGS-8
GS8
EOC91
EOC92
SB8
EOCGS-9
GS9
EOC93
EOC94
SB9
EOCGS-10
GS10
EOC95
EOC96
SB10
EOCGS-11
GS11
EOC97
EOC98
SB11
EOCGS-12
GS12
EOC99
EOC-00
SB12
XCU
BSGXCU
TO CR3-1
CR1-1
CR2-1
+6.2 V
R9-1
332
Q1-1
GVL20576
SEE NOTE 2
R1-1
3160
±1%
R2-1
2370
±1%
R3-1
4750
±1%
R4-1
9530
±1%
BSG 1 THRU 64
R5-1
3160
±1%
R6-1
2370
±1%
R7-1
4750
±1%
R8-1
9530
±1%
R10-1
332
Q2-1
2N3905
TO CR1-1
+6.2 V
CR3-1
CR4-1
BSG/YCU
YCU
+6.2 V
BSG+6.2V
GRD
EOC GRD
2. DIODES (IN4381) ARE SHOWN FOR POLARITY REFERENCE ONLY AND ARE TYPICAL FOR ALL MATRIX CONNECTIONS. DIODES ARE CONNECTED AT INTERSECTIONS SHOWN ON 4802-1104.
1. UNLESS OTHERWISE SPECIFIED:
ALL RESISTOR VALUES ARE IN OHMS, +1% ¼W
ALL TRANSISTORS ARE 2N3905
ALL DIODES ARE FDH600
NOTES:
3. DASHED BLOCK REPRESENTS CIRCUIT IDENTICAL TO SAMPLE SHOWN. DASH NUMBER IS COMPONENT REFERENCE DESIGNATION SUFFIX.
Burroughs Corporation
DETAILED SCHEMATIC DIAGRAM
RESISTOR DIODE MATRIX
SYMBOL GENERATOR
4802 - 1046
4802-1046 SH B

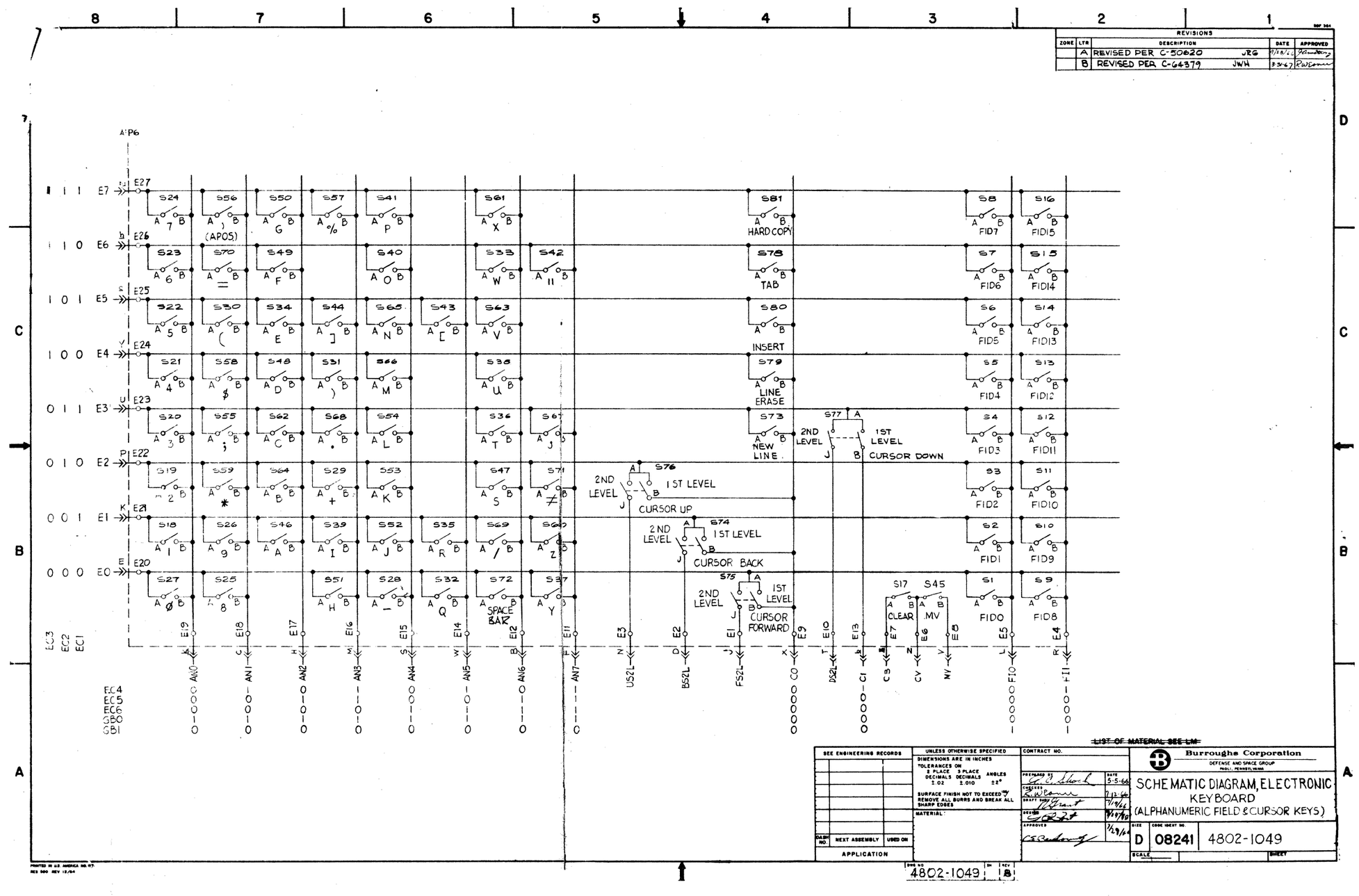
Vcc = 11 , Gnd = 4

1 = gnd (0V)
0 = +1V

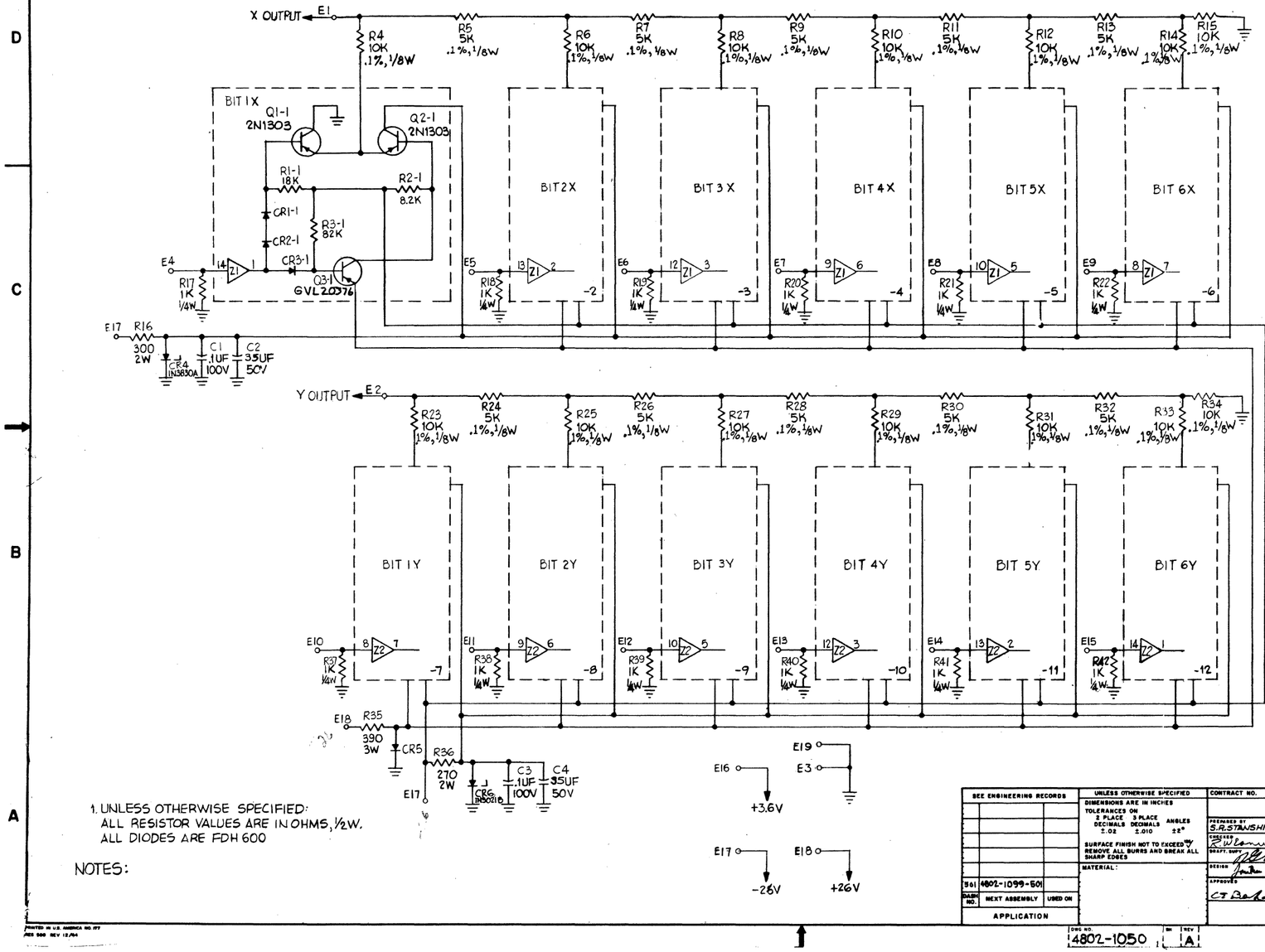
Neg. logic

clock DAR -108
& J5




REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
A REVISED PER C-50620 JRG 9/28/66
B REVISED PER C-64379 JWH 3/3/67
A1P6
E7 E6 E5 E4 E3 E2 E1 E0
E27 E26 E25 E24 E23 E22 E21 E20
S24 S56 S50 S57 S41 S61 S81 S8 S16
S23 S70 S49 S40 S33 S42 S78 S7 S15
S22 S30 S34 S44 S65 S43 S63 S80 S6 S14
S21 S58 S48 S31 S66 S38 S79 S5 S13
S20 S55 S62 S68 S54 S36 S67 S73 S4 S12
S19 S59 S64 S29 S53 S47 S71 S76 S3 S11
S18 S26 S46 S39 S52 S35 S69 S60 S74 S2 S10
S27 S25 S51 S28 S32 S72 S37 S75 S1 S9
(APOS)
SPACE BAR
HARD COPY
TAB
INSERT
LINE ERASE
NEW LINE
2ND LEVEL
1ST LEVEL
CURSOR UP
CURSOR DOWN
CURSOR BACK
CURSOR FORWARD
S77
S17 S45
CLEAR
MV
FID7 FID15
FID6 FID14
FID5 FID13
FID4 FID12
FID3 FID11
FID2 FID10
FID1 FID9
FID0 FID8
E19 E18 E17 E16 E15 E14 E12 E11 E3 E2 E1 E9 E10 E13 E7 E6 E5 E4
EC3 EC2 EC1 EC4 EC5 EC6 GSBO GB1
AN0 AN1 AN2 AN3 AN4 AN5 AN6 AN7 US2L BS2L FS2L CO DS2L CI CS CV MV FI0 FI1
LIST OF MATERIAL SEE LM
SEE ENGINEERING RECORDS
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ±.02
3 PLACE DECIMALS ±.010
ANGLES ±2°
SURFACE FINISH NOT TO EXCEED
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL
CONTRACT NO.
PREPARED BY G. L. Short 5-5-66
CHECKED J. W. Brown 7-12-66
DRAFT SUP'V. L. Grant 7/14/66
DESIGN C. S. Ard 7/19/66
APPROVED C. S. Ard 7/29/66
DASH NO. NEXT ASSEMBLY USED ON
APPLICATION
Burroughs Corporation
DEFENSE AND SPACE GROUP
PAOLI, PENNSYLVANIA
SCHEMATIC DIAGRAM, ELECTRONIC KEYBOARD (ALPHANUMERIC FIELD & CURSOR KEYS)
SIZE D CODE IDENT NO. 08241 4802-1049
SCALE SHEET
DWG NO 4802-1049 REV B
PRINTED IN U.S. AMERICA NO. 977-RES 500 REV 12/64

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER C-64383 JA	5-29-67	



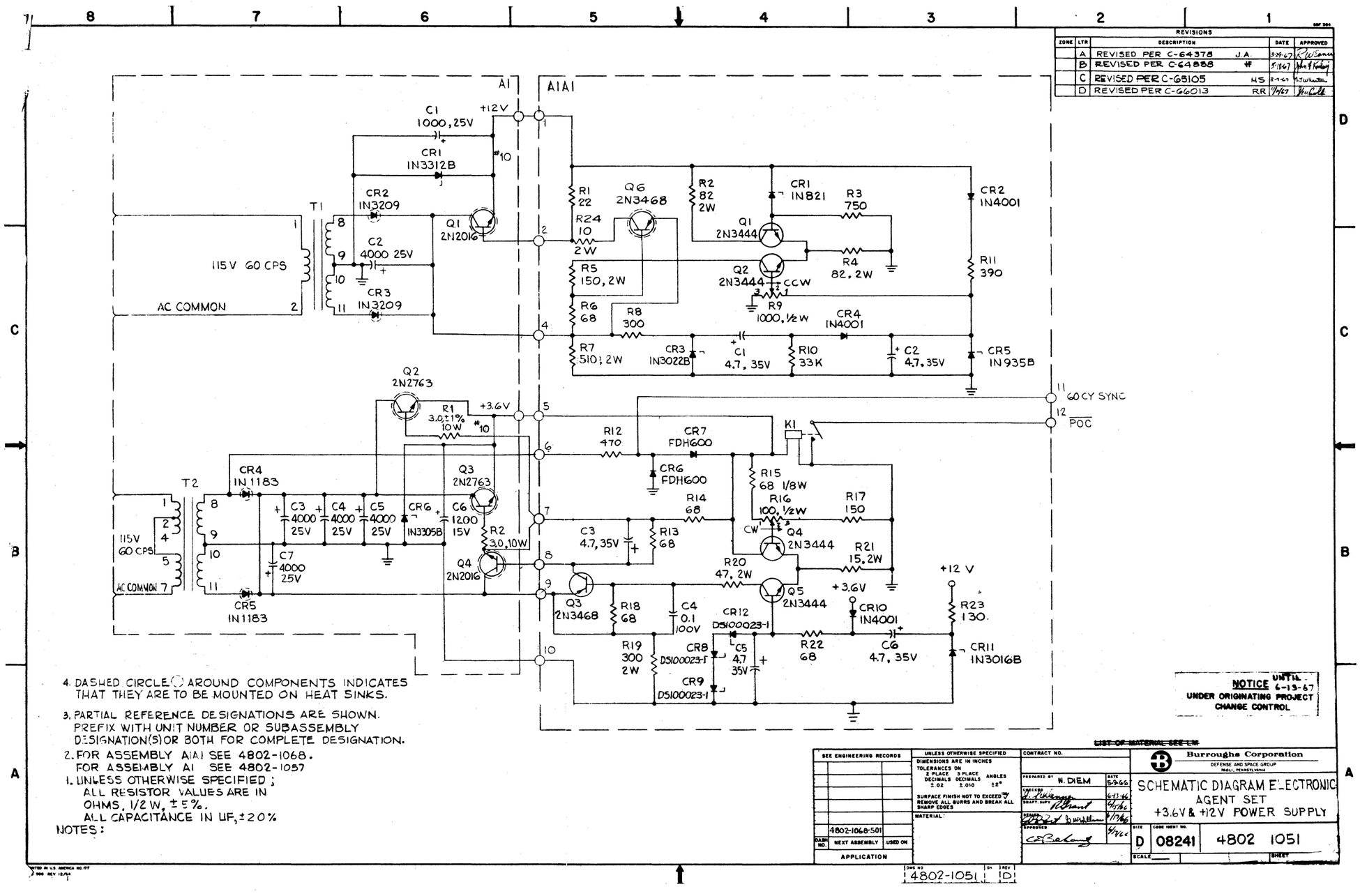
1. UNLESS OTHERWISE SPECIFIED:
ALL RESISTOR VALUES ARE IN OHMS, ½W.
ALL DIODES ARE FDH 600

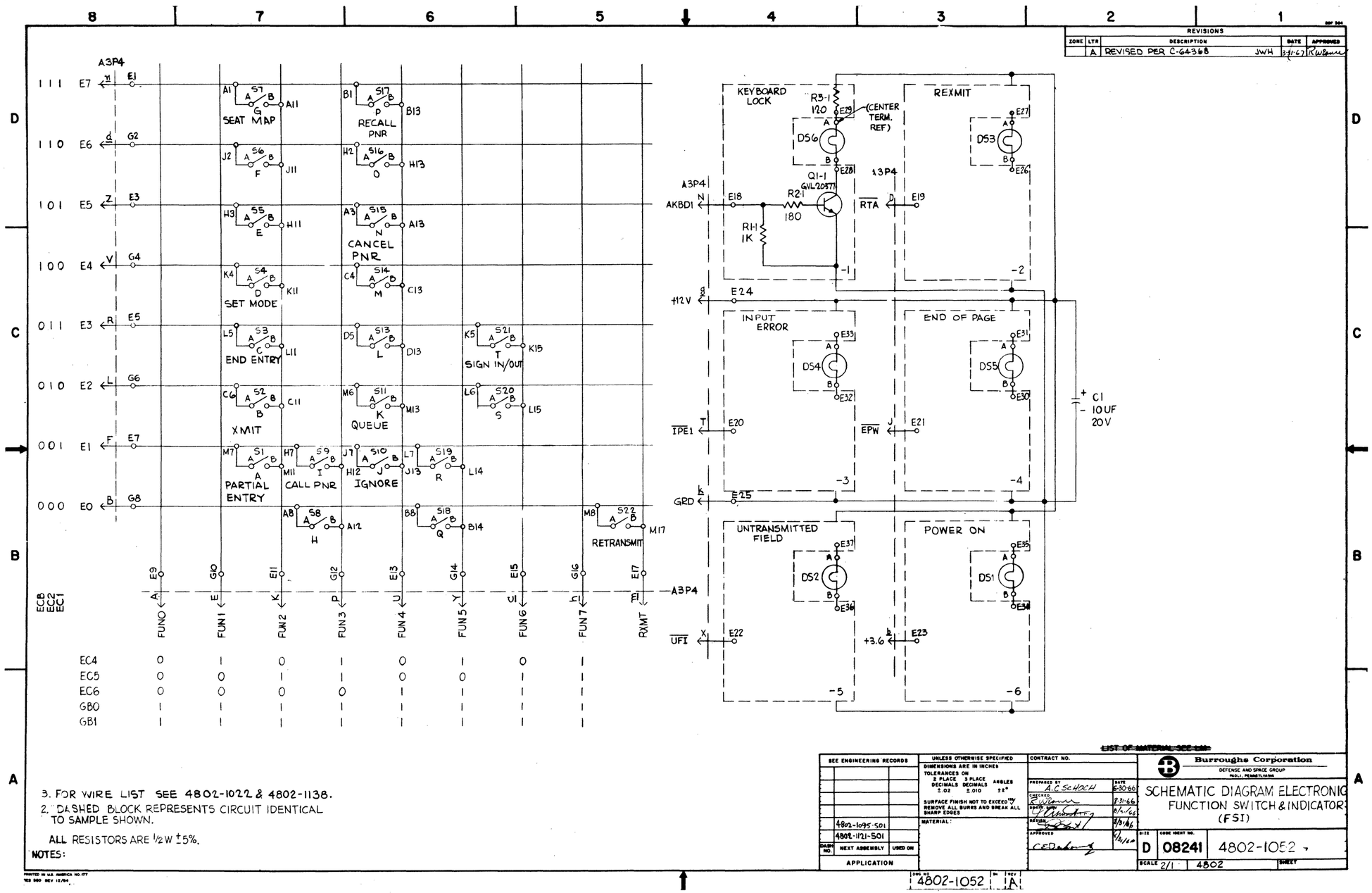
NOTES:

NOTICE
UNDER ORIGINATING PROJECT
CHANGE CONTROL
UNTIL 5-5-67

SEE ENGINEERING RECORDS	UNLESS OTHERWISE SPECIFIED	CONTRACT NO.	Burroughs Corporation DEFENSE AND SPACE GROUP PAOLI, PENNSYLVANIA
	DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE DECIMALS ±.02 3 PLACE DECIMALS ±.010 ANGLES ±2° SURFACE FINISH NOT TO EXCEED REMOVE ALL BURRS AND BREAK ALL SHARP EDGES	PREPARED BY S.R.STANSHINE 5-3-66 CHECKED 7-14-66 DRAFT. SUPV. 7/14/66 DESIGN 7/16/66 APPROVED 8/4/66	SCHEMATIC DIAGRAM, ELECTRONIC D/A CONVERTER DAC
501 4802-1099-501	MATERIAL:		SIZE D · CODE IDENT NO. 08241 · 4802-1050
DASH NO. · NEXT ASSEMBLY · USED ON			SCALE · SHEET 4802
APPLICATION			

DWG NO 4802-1050 · SH · REV A


REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
A REVISED PER C-64378 J.A. 3-29-67
B REVISED PER C-64888 # 5-1967
C REVISED PER C-65105 MS 8-9-67
D REVISED PER C-66013 RR 7/1/67
A1
A1A1
C1 1000,25V
+12V
CR1 IN3312B
#10
CR2 IN3209
T1
115 V 60 CPS
AC COMMON
C2 4000 25V
CR3 IN3209
Q1 2N2016
R1 22
Q6 2N3468
R24 10 2W
R2 82 2W
CR1 IN821
R3 750
Q1 2N3444
Q2 2N3444
R4 82, 2W
R9 1000, ½W CCW
CR2 IN4001
R11 390
R5 150, 2W
R6 68
R8 300
CR4 IN4001
R7 510; 2W
CR3 IN3022B
C1 4.7, 35V
R10 33K
C2 4.7, 35V
CR5 IN935B
Q2 2N2763
R1 3.0±1% 10W #10
+3.6V
11 60 CY SYNC
12 POC
K1
R12 470
CR7 FDH600
CR6 FDH600
R15 68 1/8W
R16 100, ½W CW
R17 150
Q4 2N3444
R14 68
R13 68
C3 4.7, 35V
R21 15, 2W
R20 47, 2W
Q5 2N3444
+12 V
+3.6V
CR10 IN4001
R23 130.
Q3 2N3468
R18 68
C4 0.1 100V
CR12 D5100023-1
C5 4.7 35V
R22 68
C6 4.7, 35V
CR11 IN3016B
R19 300 2W
CR8 D5100023-1
CR9 D5100023-1
T2
115V 60 CPS
AC COMMON
CR4 IN1183
CR5 IN1183
C3 4000 25V
C4 4000 25V
C5 4000 25V
CR6 IN3305B
C6 1200 15V
R2 3.0, 10W
C7 4000 25V
Q3 2N2763
Q4 2N2016
4. DASHED CIRCLE ◯ AROUND COMPONENTS INDICATES THAT THEY ARE TO BE MOUNTED ON HEAT SINKS.
3. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN. PREFIX WITH UNIT NUMBER OR SUBASSEMBLY DESIGNATION(S) OR BOTH FOR COMPLETE DESIGNATION.
2. FOR ASSEMBLY A1A1 SEE 4802-1068. FOR ASSEMBLY A1 SEE 4802-1057
1. UNLESS OTHERWISE SPECIFIED; ALL RESISTOR VALUES ARE IN OHMS, 1/2 W, ±5%. ALL CAPACITANCE IN UF, ±20%
NOTES:
NOTICE UNTIL 6-13-67 UNDER ORIGINATING PROJECT CHANGE CONTROL
LIST OF MATERIAL SEE LM
SEE ENGINEERING RECORDS
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON 2 PLACE DECIMALS ±.02 3 PLACE DECIMALS ±.010 ANGLES ±2°
SURFACE FINISH NOT TO EXCEED 63 REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL:
DASH NO. 4802-1068-501
NEXT ASSEMBLY
USED ON
APPLICATION
CONTRACT NO.
PREPARED BY W. DIEM 5-5-66
CHECKED 6-7-66
DRAFT. SUP. 6/7/66
DESIGN 6/7/66
APPROVED 6/7/66
Burroughs Corporation
DEFENSE AND SPACE GROUP
PAOLI, PENNSYLVANIA
SCHEMATIC DIAGRAM ELECTRONIC AGENT SET +3.6V & +12V POWER SUPPLY
SIZE D CODE IDENT NO. 08241 4802 1051
SCALE
SHEET
DWG NO 4802-1051 SH 1 REV D1



REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER C-64368 JWH	3-31-67	

NOTES:

1. ALL RESISTORS ARE 1/2W ±5%.
2. DASHED BLOCK REPRESENTS CIRCUIT IDENTICAL TO SAMPLE SHOWN.
3. FOR WIRE LIST SEE 4802-1022 & 4802-1138.

4802-1095-501			
4802-1121-501			
DASH NO.	NEXT ASSEMBLY	USED ON	
APPLICATION			

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES; TOLERANCES ON 2 PLACE DECIMALS ±.02, 3 PLACE DECIMALS ±.010, ANGLES ±2°; SURFACE FINISH NOT TO EXCEED 125; REMOVE ALL BURRS AND BREAK ALL SHARP EDGES; MATERIAL:

CONTRACT NO.

PREPARED BY	A.C SCHOCH	6-30-66
CHECKED		7-1-66
ENGR APPR		8-1-66
REVISED		8-9-66
APPROVED		8-10-66

Burroughs Corporation
DEFENSE AND SPACE GROUP
PAOLI, PENNSYLVANIA

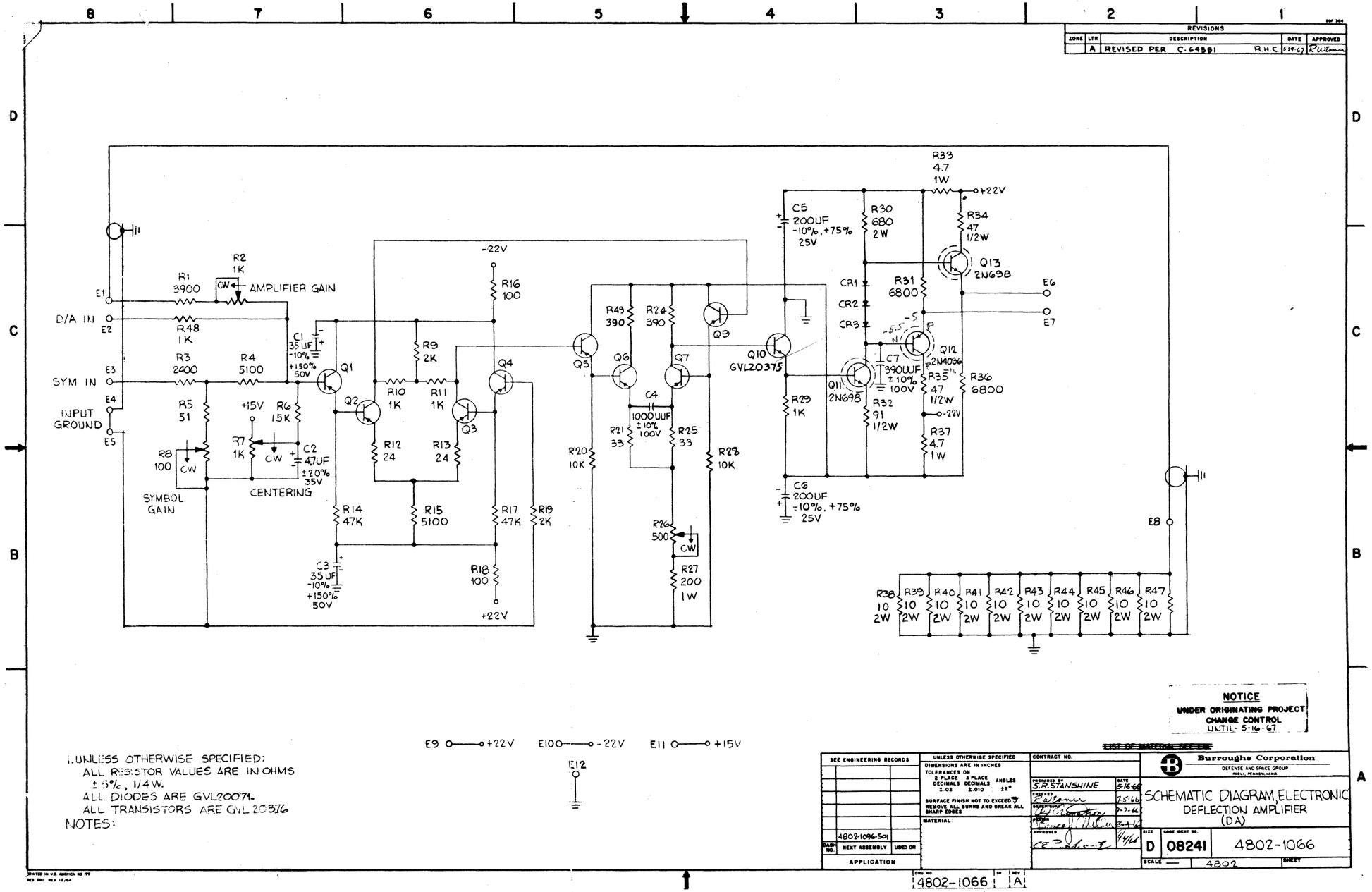
SCHEMATIC DIAGRAM ELECTRONIC FUNCTION SWITCH & INDICATOR (FSI)

SIZE	CODE IDENT NO.	DWG NO.	REV
D	08241	4802-1052	A

SCALE 2/1 | 4802 | SHEET

DWG NO. 4802-1052 REV A

ZONE	LTR	REVISIONS DESCRIPTION	DATE	APPROVED
	A	REVISED PER C-64381 R.H.C	5-24-67	R.Wilson



E9 +22V E10 -22V E11 +15V

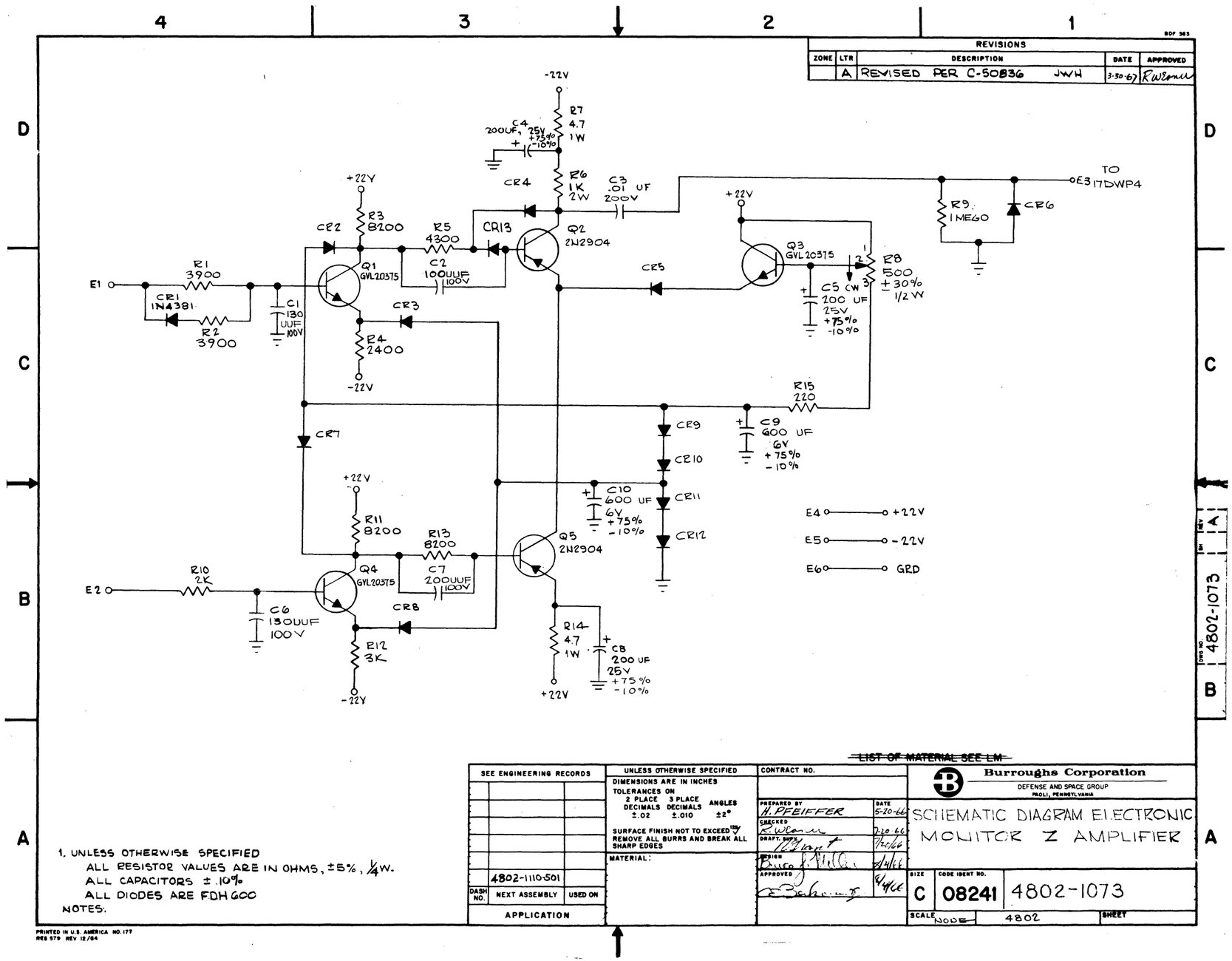
E12

1. UNLESS OTHERWISE SPECIFIED:
   ALL RESISTOR VALUES ARE IN OHMS ±5%, 1/4 W.
   ALL DIODES ARE GVL20071.
   ALL TRANSISTORS ARE GVL20376
NOTES:

NOTICE
UNDER ORIGINATING PROJECT CHANGE CONTROL UNTIL 5-16-67

SEE ENGINEERING RECORDS	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES; TOLERANCES ON 2 PLACE DECIMALS ±.02, 3 PLACE DECIMALS ±.010, ANGLES ±2°; SURFACE FINISH NOT TO EXCEED ▽ REMOVE ALL BURRS AND BREAK ALL SHARP EDGES; MATERIAL	CONTRACT NO.	Burroughs Corporation DEFENSE AND SPACE GROUP PAOLI, PENNSYLVANIA
4802-1096-501		PREPARED BY S.R.STANSHINE 5-16-66	SCHEMATIC DIAGRAM, ELECTRONIC DEFLECTION AMPLIFIER (DA)
DASH NO. / NEXT ASSEMBLY / USED ON		CHECKED R.Wilson 7-5-66	
APPLICATION		DESIGNED [illegible] 7-7-66	
		APPROVED [illegible] 7-9-66	SIZE D · CODE IDENT NO. 08241 · 4802-1066 · SCALE — · 4802 · SHEET

DWG NO 4802-1066 SH REV A



1. UNLESS OTHERWISE SPECIFIED
   ALL RESISTOR VALUES ARE IN OHMS, ±5%, ¼W.
   ALL CAPACITORS ±10%
   ALL DIODES ARE FDH 600
NOTES.

SEE ENGINEERING RECORDS		
	4802-1110-501	
DASH NO.	NEXT ASSEMBLY	USED ON
APPLICATION		

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ±.02 | 3 PLACE DECIMALS ±.010 | ANGLES ±2°
SURFACE FINISH NOT TO EXCEED ▽
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL:

CONTRACT NO.

~~LIST OF MATERIAL SEE LM~~

PREPARED BY	H. PFEIFFER	DATE 5-20-66
CHECKED		5-20-66
DRAFT. SUPV.		5/20/66
DESIGN		5/4/66
APPROVED		5/4/66

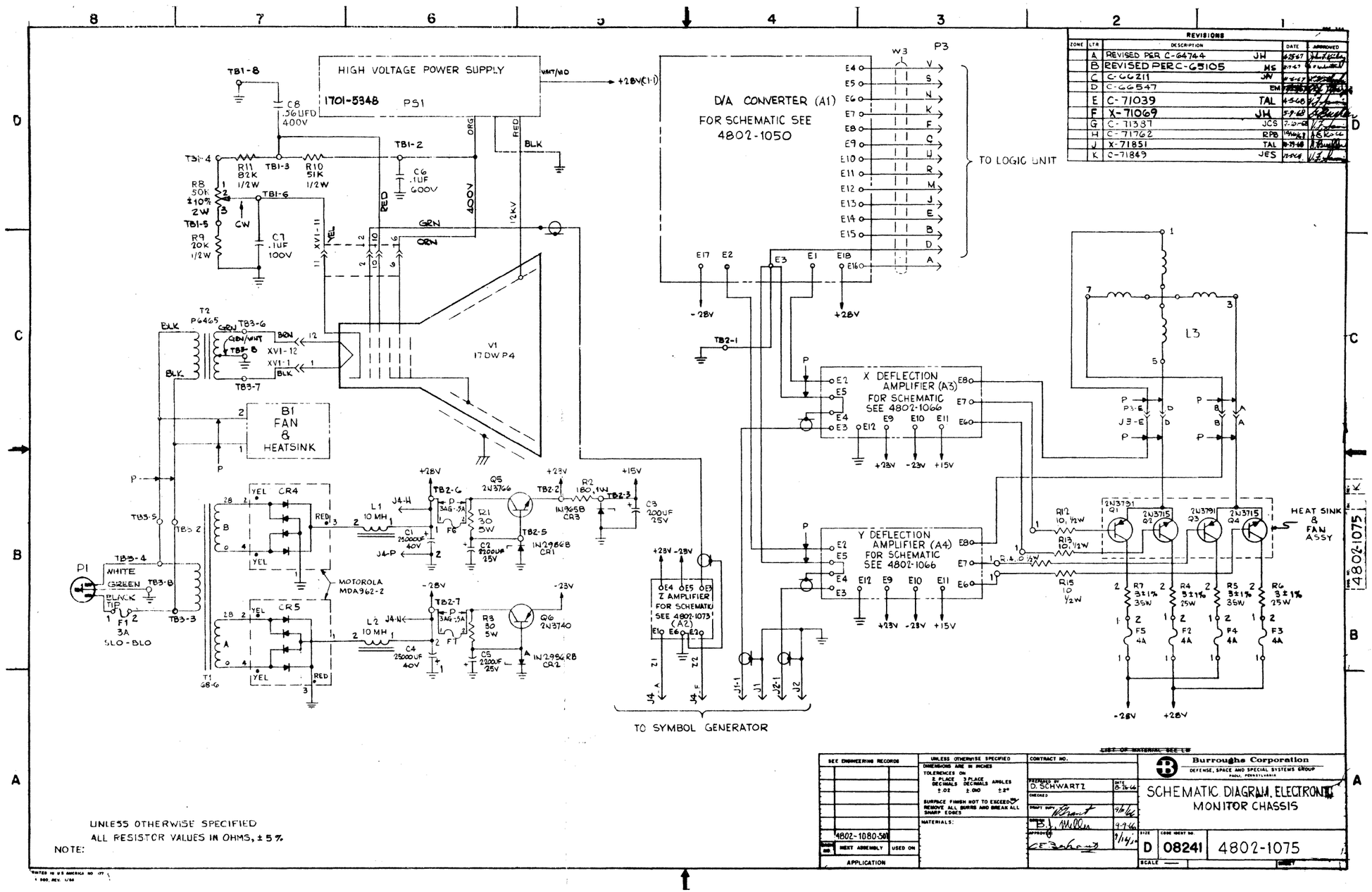
Burroughs Corporation
DEFENSE AND SPACE GROUP
PAOLI, PENNSYLVANIA

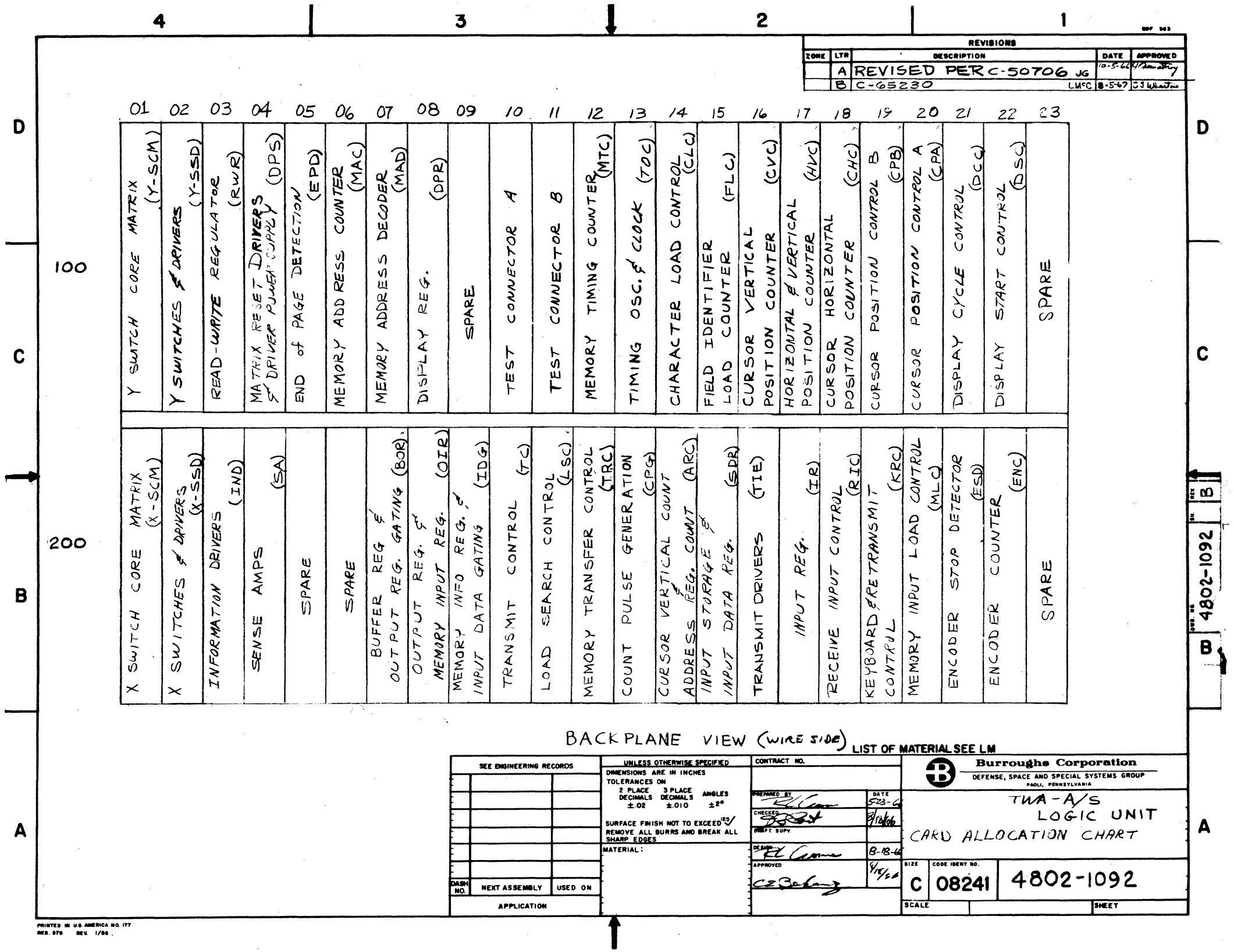
SCHEMATIC DIAGRAM ELECTRONIC MONITOR Z AMPLIFIER

SIZE	CODE IDENT NO.	
C	08241	4802-1073
SCALE NONE	4802	SHEET

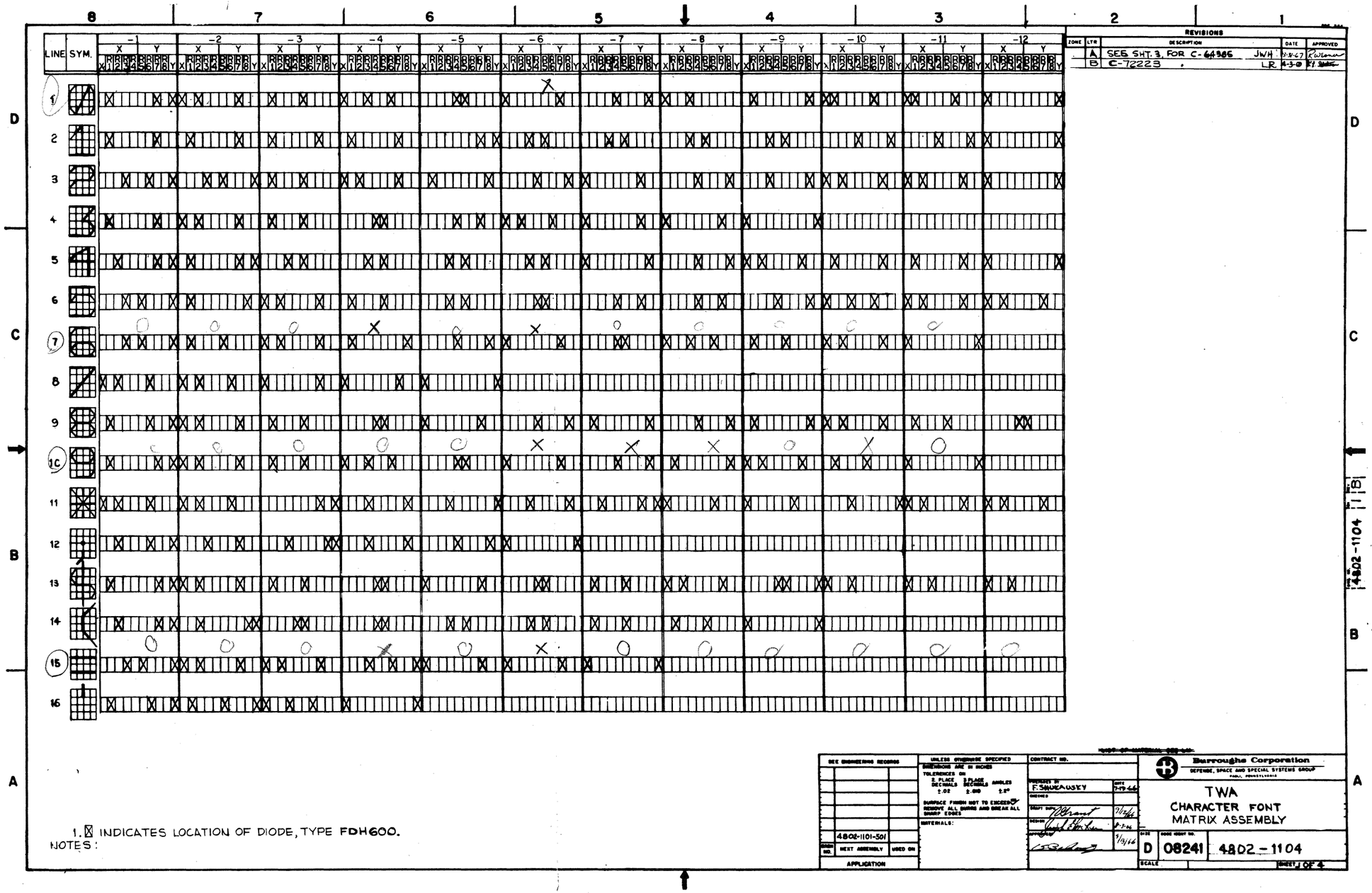
DWG NO 4802-1073 REV A

PRINTED IN U.S. AMERICA NO. 177
RES 579 REV 12/64


HIGH VOLTAGE POWER SUPPLY
1701-5348 PS1
+28V(E1-1)
D/A CONVERTER (A1)
FOR SCHEMATIC SEE
4802-1050
TO LOGIC UNIT
P3
W3
X DEFLECTION AMPLIFIER (A3)
FOR SCHEMATIC SEE 4802-1066
Y DEFLECTION AMPLIFIER (A4)
FOR SCHEMATIC SEE 4802-1066
Z AMPLIFIER
FOR SCHEMATIC SEE 4802-1073 (A2)
TO SYMBOL GENERATOR
V1
17DWP4
T2
P6465
T1
98-6
B1
FAN & HEATSINK
P1
3A SLO-BLO
MOTOROLA MDA962-2
L3
HEAT SINK & FAN ASSY
TB1-8
TB1-2
TB1-4
TB1-3
TB1-6
TB1-5
TB3-6
TB3-7
TB3-5
TB3-2
TB3-4
TB3-8
TB3-3
TB2-6
TB2-2
TB2-5
TB2-7
TB2-1
TB2-3
R11 82K 1/2W
R10 51K 1/2W
R8 50K ±10% 2W
R9 20K 1/2W
C8 .56 UFD 400V
C6 .1UF 600V
C7 .1UF 100V
L1 10 MH
L2 10 MH
C1 25000UF 40V
C2 2200UF 25V
C4 25000UF 40V
C5 2200UF 25V
C3 200UF 25V
R1 30 5W
R2 180, 1W
R3 30 5W
CR1 IN2986B
CR2 IN2986B
CR3 IN965B
CR4
CR5
Q5 2N3766
Q6 2N3740
Q1 2N3791
Q2 2N3715
Q3 2N3791
Q4 2N3715
R12 10, ½W
R13 10, ½W
R14 10, ½W
R15 10 ½W
R7 3±1% 35W
R4 3±1% 25W
R5 3±1% 35W
R6 3±1% 25W
F1 3A
F2 4A
F3 4A
F4 4A
F5 4A
F6 3AG-5A
+28V
-28V
+23V
-23V
+15V
ORG
RED
BLK
GRN
YEL
BRN
WHT/BLK
GRN/WHT
WHITE
GREEN
BLACK
TIP
CW
400V
12KV
REVISIONS
A REVISED PER C-64744 JH 6-25-67
B REVISED PER C-65105 MS 8-24-67
C C-66211 JW 11-6-67
D C-66547 EM 2-26-68
E C-71039 TAL 4-5-68
F X-71069 JH 5-9-68
G C-71387 JCS 7-10-68
H C-71762 RPB 10-30-68
J X-71851 TAL 8-29-68
K C-71849 JES 11-5-68
UNLESS OTHERWISE SPECIFIED
ALL RESISTOR VALUES IN OHMS, ±5%
NOTE:
SEE ENGINEERING RECORDS
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ±.02
3 PLACE DECIMALS ±.010
ANGLES ±2°
SURFACE FINISH NOT TO EXCEED
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIALS:
CONTRACT NO.
PREPARED BY D. SCHWARTZ 8-26-66
CHECKED
DRAFTSMAN 9-6-66
DESIGN 9-9-66
APPROVED 9-14-66
4802-1080-501
NEXT ASSEMBLY
USED ON
APPLICATION
Burroughs Corporation
DEFENSE, SPACE AND SPECIAL SYSTEMS GROUP
PAOLI, PENNSYLVANIA
SCHEMATIC DIAGRAM, ELECTRONIC MONITOR CHASSIS
SIZE D
CODE IDENT NO. 08241
4802-1075
SCALE —
SHEET
4802-1075


REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
A | REVISED PER C-50706 JG
B | C-65230 LMSC 8-5-67
4 3 2 1
D C B A
100 200
01 Y SWITCH CORE MATRIX (Y-SCM)
02 Y SWITCHES & DRIVERS (Y-SSD)
03 READ-WRITE REGULATOR (RWR)
04 MATRIX RESET DRIVERS & DRIVER PWR SUPPLY (DPS)
05 END of PAGE DETECTION (EPD)
06 MEMORY ADDRESS COUNTER (MAC)
07 MEMORY ADDRESS DECODER (MAD)
08 DISPLAY REG. (DPR)
09 SPARE
10 TEST CONNECTOR A
11 TEST CONNECTOR B
12 MEMORY TIMING COUNTER (MTC)
13 TIMING OSC. & CLOCK (TOC)
14 CHARACTER LOAD CONTROL (CLC)
15 FIELD IDENTIFIER LOAD COUNTER (FLC)
16 CURSOR VERTICAL POSITION COUNTER (CVC)
17 HORIZONTAL & VERTICAL POSITION COUNTER (HVC)
18 CURSOR HORIZONTAL POSITION COUNTER (CHC)
19 CURSOR POSITION CONTROL B (CPB)
20 CURSOR POSITION CONTROL A (CPA)
21 DISPLAY CYCLE CONTROL (DCC)
22 DISPLAY START CONTROL (DSC)
23 SPARE
X SWITCH CORE MATRIX (X-SCM)
X SWITCHES & DRIVERS (X-SSD)
INFORMATION DRIVERS (IND)
SENSE AMPS (SA)
SPARE
SPARE
BUFFER REG & OUTPUT REG. GATING (BOR)
OUTPUT REG. & MEMORY INPUT REG. (OIR)
MEMORY INFO REG. & INPUT DATA GATING (IDG)
TRANSMIT CONTROL (TC)
LOAD SEARCH CONTROL (LSC)
MEMORY TRANSFER CONTROL (TRC)
COUNT PULSE GENERATION (CPG)
CURSOR VERTICAL COUNT & ADDRESS REG. COUNT (ARC)
INPUT STORAGE REG. & INPUT DATA REG. (SDR)
TRANSMIT DRIVERS (TIE)
INPUT REG. (IR)
RECEIVE INPUT CONTROL (RIC)
KEYBOARD & RETRANSMIT CONTROL (KRC)
MEMORY INPUT LOAD CONTROL (MLC)
ENCODER STOP DETECTOR (ESD)
ENCODER COUNTER (ENC)
SPARE
BACKPLANE VIEW (WIRE SIDE)
LIST OF MATERIAL SEE LM
SEE ENGINEERING RECORDS
DASH NO. | NEXT ASSEMBLY | USED ON
APPLICATION
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ±.02
3 PLACE DECIMALS ±.010
ANGLES ±2°
SURFACE FINISH NOT TO EXCEED 125
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL:
CONTRACT NO.
PREPARED BY
DATE 5-23-66
CHECKED
DRAFT SUPV.
DESIGN
APPROVED
Burroughs Corporation
DEFENSE, SPACE AND SPECIAL SYSTEMS GROUP
PAOLI, PENNSYLVANIA
TWA-A/S
LOGIC UNIT
CARD ALLOCATION CHART
SIZE C
CODE IDENT NO. 08241
4802-1092
SCALE
SHEET
DWG NO. 4802-1092 REV B
PRINTED IN U.S.A. AMERICA NO. 177
REG. 979 REV. 1/66

10 good
X bad


8
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LINE SYM.
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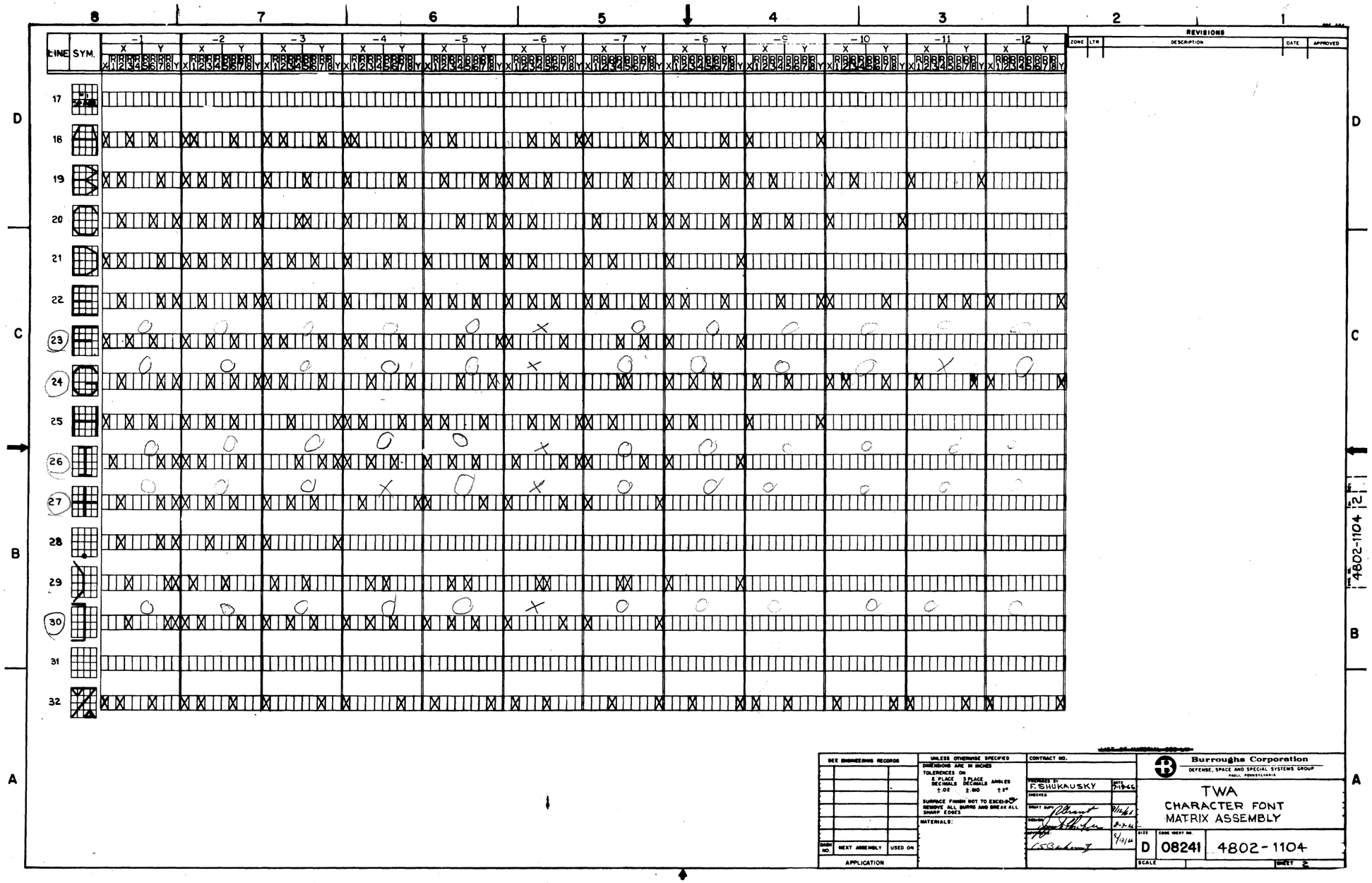
-11
-12
X Y
REVISIONS
ZONE LTR DESCRIPTION DATE APPROVED
A SEE SHT. 3, FOR C-64986 JWH 7-8-67
B C-72223 . LR 4-3-68
4802-1104 B
1. ☒ INDICATES LOCATION OF DIODE, TYPE FDH600.
NOTES:
4802-1101-501
NEXT ASSEMBLY
USED ON
APPLICATION
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ±.02
3 PLACE DECIMALS ±.010
ANGLES ±1°
SURFACE FINISH NOT TO EXCEED
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIALS:
CONTRACT NO.
DRAWN F. SAUCAUSKY 7-19-66
CHECKED
STAFF ENGR. 7/1/66
DESIGN 8-2-66
APPROVED 7/8/66
Burroughs Corporation
DEFENSE, SPACE AND SPECIAL SYSTEMS GROUP
PAOLI, PENNSYLVANIA
TWA
CHARACTER FONT
MATRIX ASSEMBLY
SIZE D
CODE IDENT NO. 08241
4802-1104
SCALE
SHEET 1 OF 4


8
7
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SYM.
-1
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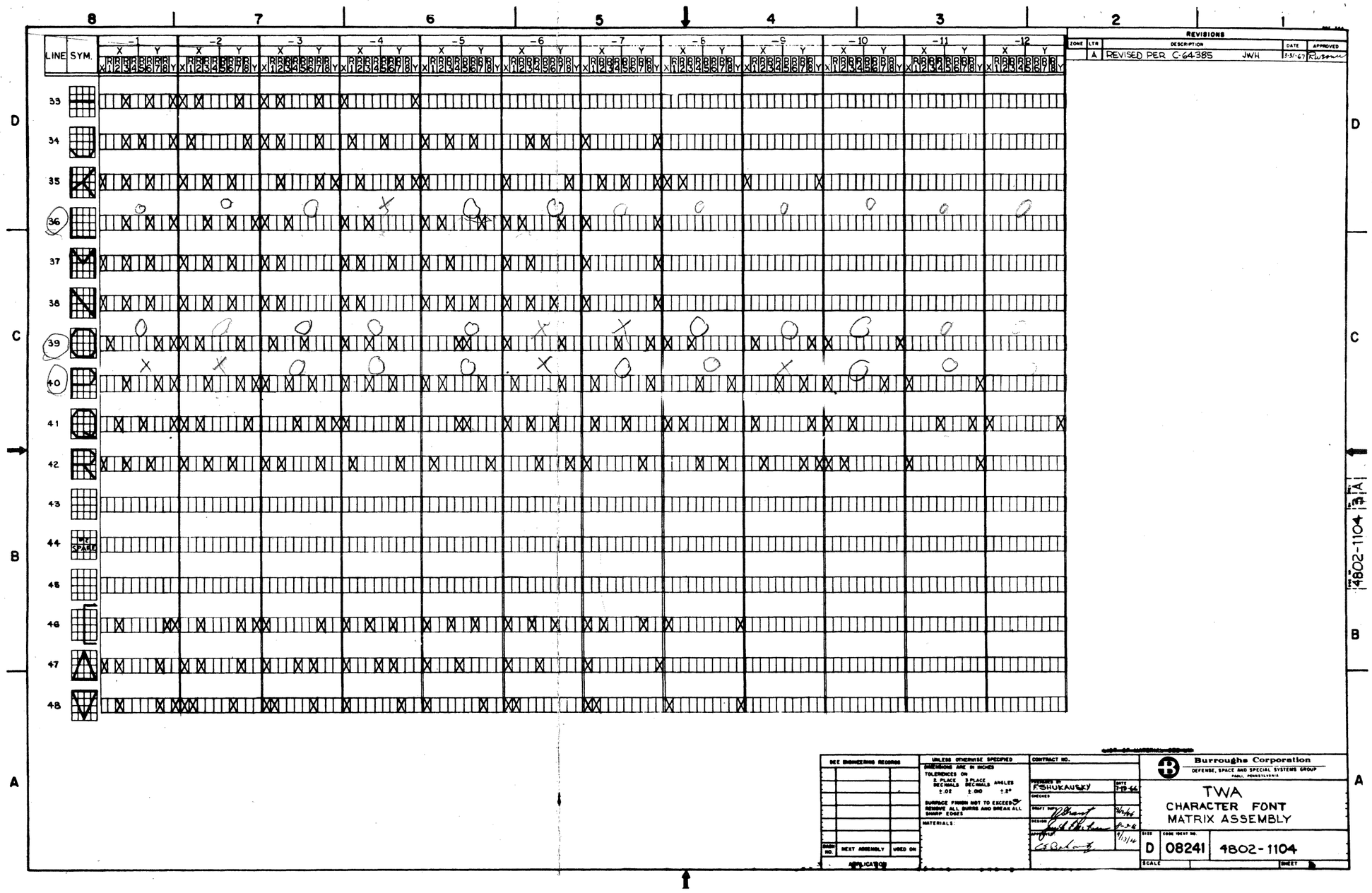
32
REVISIONS
ZONE
LTR
DESCRIPTION
DATE
APPROVED
4802-1104
SEE ENGINEERING RECORDS
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ±.02
3 PLACE DECIMALS ±.010
ANGLES ±1°
SURFACE FINISH NOT TO EXCEED
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIALS:
ORDER NO.
NEXT ASSEMBLY
USED ON
APPLICATION
CONTRACT NO.
DESIGNED F.SHUKAUSKY 7-19-66
CHECKED
DRAFT SUP
DESIGN SUP
APPROVED
Burroughs Corporation
DEFENSE, SPACE AND SPECIAL SYSTEMS GROUP
PAOLI, PENNSYLVANIA
TWA
CHARACTER FONT
MATRIX ASSEMBLY
SIZE D
CODE IDENT NO. 08241
4802-1104
SCALE
SHEET 2


LINE SYM.
-1
-2
-3
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-12
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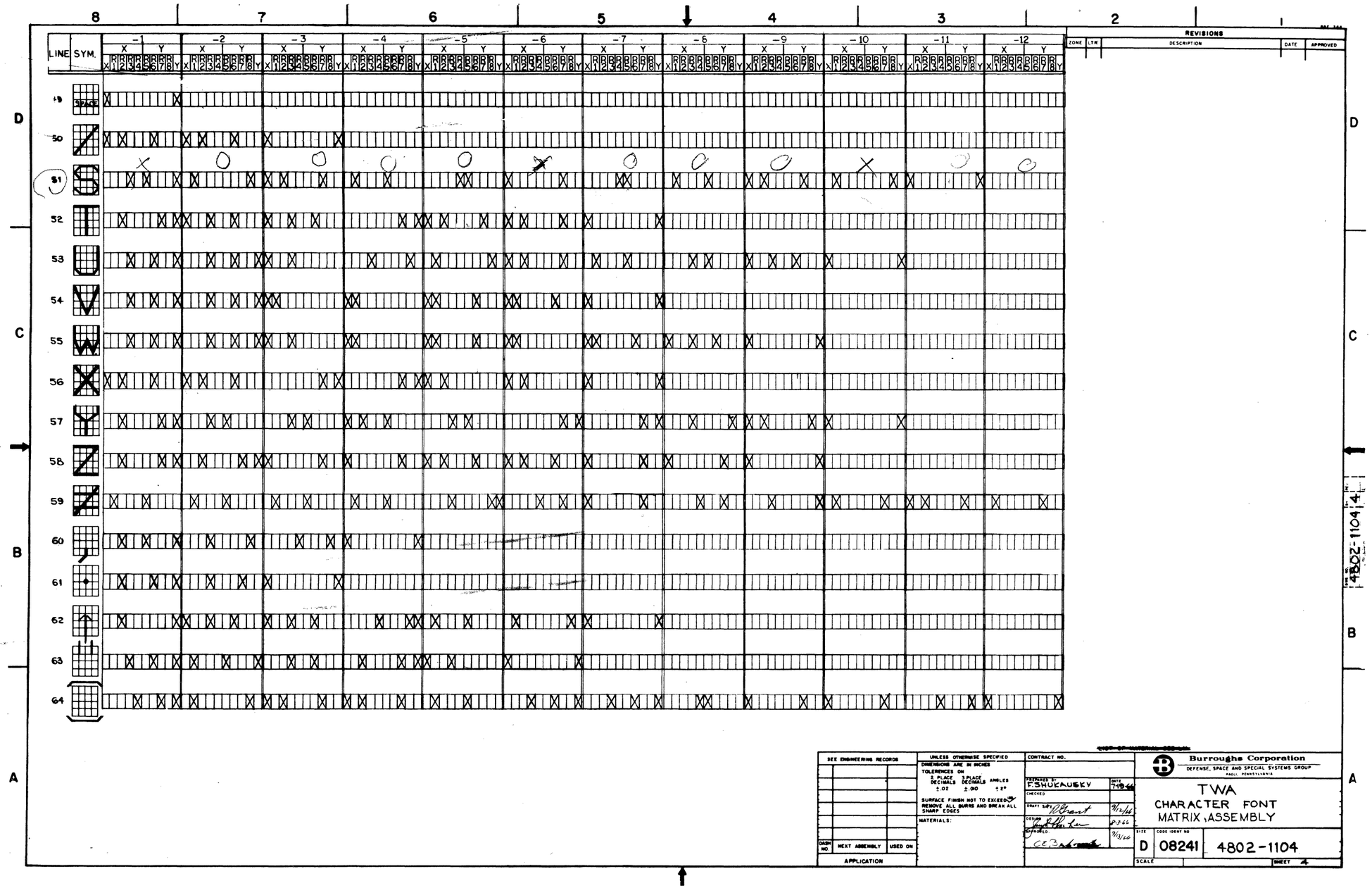
41
42
43
44 SPARE
45
46
47
48
REVISIONS
ZONE | LTR | DESCRIPTION | DATE | APPROVED
A | REVISED PER C-64-385 | JWH | 3-31-67
DEE ENGINEERING RECORDS
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ±.02
3 PLACE DECIMALS ±.010
ANGLES ±1°
SURFACE FINISH NOT TO EXCEED
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIALS:
CONTRACT NO.
DRAWN BY F.SHUKAUSKY
DATE 2-19-66
CHECKED
DRAFT SUP'V
DESIGN
GROUP
Burroughs Corporation
DEFENSE, SPACE AND SPECIAL SYSTEMS GROUP
PAOLI, PENNSYLVANIA
TWA
CHARACTER FONT
MATRIX ASSEMBLY
SIZE D
CODE IDENT NO. 08241
4802-1104
SCALE
SHEET
DASH NO.
NEXT ASSEMBLY
USED ON
APPLICATION
4802-1104 REV A


8
7
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LINE SYM.
-1
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-3
-4
-5
-6
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-12
X Y
RRRRRRRR
X12345678Y
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58
59
60
61
62
63
64
D
C
B
A
REVISIONS
ZONE
LTR
DESCRIPTION
DATE
APPROVED
4802-1104
SEE ENGINEERING RECORDS
DASH NO
NEXT ASSEMBLY
USED ON
APPLICATION
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERENCES ON
2 PLACE DECIMALS ±.02
3 PLACE DECIMALS ±.010
ANGLES ±2°
SURFACE FINISH NOT TO EXCEED
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIALS:
CONTRACT NO.
PREPARED BY
F.SHUKAUSKY
DATE
7-19-66
CHECKED
DRAFT SUP'V
DESIGN
ENGR'G
CODE IDENT NO
08241
SIZE
D
SCALE
SHEET
Burroughs Corporation
DEFENSE, SPACE AND SPECIAL SYSTEMS GROUP
PAOLI, PENNSYLVANIA
TWA
CHARACTER FONT
MATRIX, ASSEMBLY
4802-1104

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES.	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
24	WHT	61128-1		S17	A	1			7N	1	SOLDER		CLEAR	1
				S17	B				6N				CLEAR	2
				S16	A				24M				FID15	3
				S16	B				4M				FID15	4
				S15	A				23L				FID14	5
				S15	B				4L				FID14	6
				S14	A				22K				FID13	7
				S14	B				4K				FID13	8
				S13	A				21J				FID12	9
				S13	B				4J				FID12	10
				S12	A				20H				FID11	11
				S12	B				4H				FID11	12
				S11	A				19G				FID10	13
				S11	B				4G				FID10	14
				S10	A				18F				FID9	15
				S10	B				4F				FID9	16
				S9	A				17D				FID8	17
				S9	B				4E				FID8	18
	TYP			S8	A				24S				FID7	19
				S8	B				5H				FID7	20
				S7	A				23G				FID6	21
				S7	B				5G				FID6	22
				S6	A				22F				FID5	23
				S6	B				5F				FID5	24
				S5	A				21E				FID4	25
				S5	B				5E				FID4	26
				S4	A				20D				FID3	27
				S4	B				5D				FID3	28
				S3	A				19E				FID2	29
				S3	B				5C				FID2	30
				S2	A				18C				FID1	31
				S2	B				5B				FID1	32
				S1	A				17A				FID0	33
				S1	B				5A				FID0	34
				S76	A				19N				CURSOR UP	35
24	WHT	61128-1		S76	B	1			8N	1	SOLDER		CURSOR UP	36

REVISIONS ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED & REDRAWN PER C50620 SEE SHEETS 2 THRU 5	9-28-66	
	B	SEE SHT. 2 THRU 5 FOR C-64379 JWH	3-31-67	
	C	REVISED PER C-64891 SEE SHEETS 2,3,4 & 5 DRM.	5-1-67	
	D	SH1 C-65473. SEE SH 2 THRU 5 MR	9-14-67	
	E	SHEET 1, C-66212 SEE SHEETS 2,3,4 & 5 JAS	11-9-67	

NOTES:

LIST OF MATERIAL SEE SH 1

SEE ENGINEERING RECORDS	CONTRACT NO.	Burroughs Corporation DEFENSE AND SPACE GROUP GREAT VALLEY LABORATORY • BOX 873 • MALI, PENNSYLVANIA
	PREPARED BY R. RICHES DATE 8/24/66	WIRE LIST KEYBOARD (ALPHANUMERIC FIELD & CURSOR KEYS)
	CHECKED R WEAVER 7-12-66	
	DRAFT. SUPV R GRANT 7-19-66	
	DESIGN	
4802-1081	APPROVED C E BERKOWITZ 7-21-66	SIZE C · CODE IDENT NO. 08241 · 4802-1113
DASH NO. · NEXT ASSEMBLY · USED ON		SCALE — · SHEET 1 OF 5
APPLICATION		

PRINTED IN U.S.A. FORM 000 REV 12/64 NO.177

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
24	WHT	61128-1		S76	J	1			3N	1	SOLDER		CURSOR UP (SEE NOTE 2)	1
				S74	A				18N				CURSOR BACK	2
				S74	B				8M				CURSOR BACK	3
				S74	J				2N				CURSOR BACK (SEE NOTE 2)	4
				S75	A				17N				CURSOR FORWARD	5
				S75	B				8L				CURSOR FORWARD	6
				S75	J				1N				CURSOR FORWARD (SEE NOTE 2)	7
				S73	A				20N				NEW LINE	8
				S73	B				8K				NEW LINE	9
														10
				S81	A				24N				HARD COPY	11
				S81	B				8J				HARD COPY	12
				S78	A				23N				TAB	13
				S78	B				8H				TAB	14
				S80	A				22N				INSERT	15
				S80	B				8G				INSERT	16
				S79	A				21N				LINE ERASE	17
	P			S79	B				8F				LINE ERASE	18
	Y			S31	A				21K				)	19
	T			S31	B				13K				)	20
				S28	A				17J				—	21
				S28	B				12K				—	22
				S29	A				19J				+	23
				S29	B				13J				+	24
				S27	A				17H				Ø	25
				S27	B				16H				Ø	26
				S26	A				18J				9	27
				S26	B				15G				9	28
				S25	A				17G				8	29
				S25	B				15F				8	30
				S24	A				24F				7	31
				S24	B				16G				7	32
				S23	A				23E				6	33
				S23	B				16F				6	34
				S22	A				22D				5	35
24	WHT	61128-1		S22	B	1			16E	1	SOLDER		5	36

BDF 497

ZONE	LTR	REVISIONS DESCRIPTION	DATE	APPROVED
	A	REVISED & REDRAWN PER C-50000 JAS	9-28-66	
	B	REVISED PER C-64379 JWH	3-31-67	
	C	REVISED PER C-64891 D.R.M.	5-17-67	
	D	C-65473 AAR	9-15-67	
	E	C-66212 JAS	11/9/67	

NOTES:

LIST OF MATERIAL SEE LM

SEE ENGINEERING RECORDS			CONTRACT NO.	Burroughs Corporation
				DEFENSE AND SPACE GROUP, GREAT VALLEY LABORATORY • BOX 873 • MALVERN, PENNSYLVANIA
			PREPARED BY R RICHES — DATE 5-20-66	WIRE LIST
			CHECKED R WEAVER — 7-12-66	KEYBOARD
			DRAFT. SUPV R GRANT — 7-19-66	(ALPHANUMERIC FIELD & CURSOR KEYS)
			DESIGN	
			APPROVED C E BERKOWITZ — 7-21-66	SIZE C — CODE IDENT NO. 08241 — 4802-1113
DASH NO.	NEXT ASSEMBLY	USED ON	APPLICATION	SCALE — SHEET 2

DWG NO. 4802-1113 REV E

PRINTED IN U.S.A. AMERICA
RES 595 REV 12/64 NO. 177

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES.	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
24	WHT	61128-1		S21	A	1			21D	1	SOLDER		4	1
				S21	B				16D				4	2
				S20	A				20C				3	3
				S20	B				16C				3	4
				S19	A				19C				2	5
				S19	B				16B				2	6
				S18	A				18A				1	7
				S18	B				16A				1	8
				S30	A				22B				(	9
				S30	B				15A				(	10
				S44	A				22L				]	11
				S44	B				13L				]	12
				S58	A				21L				$	13
				S58	B				15L				$	14
				S41	A				24J				P	15
				S41	B				12J				P	16
				S40	A				23H				O	17
	P			S40	B				12L				O	18
	Y			S39	A				18H				I	19
	T			S39	B				13G				I	20
				S38	A				21F				U	21
				S38	B				10G				U	22
				S37	A				17F				Y	23
				S37	B				9F				Y	24
				S36	A				20F				T	25
				S36	B				10E				T	26
				S35	A				18E				R	27
				S35	B				11E				R	28
				S34	A				22C				E	29
				S34	B				14D				E	30
				S33	A				23C				W	31
				S33	B				10C				W	32
				S32	A				17B				Q	33
				S32	B				11B				Q	34
				S43	A				22A				E	35
24	WHT	61128-1		S43	B	1			11A	1	SOLDER		E	36

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED & REDRAWN PER C-50620 JRG	9-7-62	
	B	REVISED PER C-64379 JWH	3-31-67	
	C	REVISED PER C64891 DRM.	5-17-67	
	D	C-65473 AAR	9-15-67	
	E	C-66212 JAS	11/9/67	

NOTES:

USE OF MATERIAL SEE LM

SEE ENGINEERING RECORDS	CONTRACT NO.	Burroughs Corporation
		DEFENSE AND SPACE GROUP, GREAT VALLEY LABORATORY • BOX 873 • MALVERN, PENNSYLVANIA
	PREPARED BY R RICHES 5-29-66	WIRE LIST
	CHECKED R WEAVER 7-12-66	KEYBOARD
	DRAFT SUPV R GRANT 7-19-66	(ALPHANUMERIC FIELD & CURSOR KEYS)
	DESIGN	
	APPROVED C.E. BERKOWITZ 7-21-66	SIZE C · CODE IDENT NO. 08241 · 4802-1113
DASH NO. · NEXT ASSEMBLY · USED ON	APPLICATION	SCALE — · SHEET 3

DWG NO. 4802-1113 REV E

PRINTED IN U.S.A. RES 595 REV 12/64 NO.177

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES.	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
24	WHT	G1128-1		S57	A	1			24 L	1	SOLDER		%	1
				S57	B				13 M				%	2
				S67	A				20 L				J	3
				S67	B				9 G				J	4
				S55	A				20 K				;	5
				S55	B				15 K				;	6
				S54	A				20 G				L	7
				S54	B				12 M				L	8
				S53	A				19 H				K	9
				S53	B				12 G				K	10
				S52	A				18 G				J	11
				S52	B				12 E				J	12
				S51	A				17 E				H	13
				S51	B				13 F				H	14
				S50	A				24 E				G	15
				S50	B				14 H				G	16
				S49	A				23 D				F	17
	Q			S49	B				14 G				F	18
	Y			S48	A				21 C				D	19
	T			S48	B				14 C				D	20
				S47	A				19 D				S	21
				S47	B				10 B				S	22
				S46	A				18 B				A	23
				S46	B				14 B				A	24
				S42	A				23 B				11	25
				S42	B				9 A				11	26
				S70	A				23 K				=	27
				S70	B				15 M				=	28
				S69	A				18 K				/	29
				S69	B				10 K				/	30
				S68	A				20 J				•	31
				S68	B				13 H				•	32
				S56	A				24 H				(APOS) ɔ	33
				S56	B				15 H				(APOS) ɔ	34
				S66	A				21 G				M	35
24	WHT	G1128-1		S66	B	1			12 H	1	SOLDER		M	36

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED & REDRAWN PER C-50620 JRG	9-28-66	
	B	REVISED PER C-64379 JWH	3-31-67	
	C	REVISED PER C-64891 DRM.	5-17-67	
	D	C-65473 MR	9-15-67	
	E	C-66212 JAS	11/9/67	

NOTES:

LIST OF MATERIAL SEE LM

SEE ENGINEERING RECORDS		
DASH NO.	NEXT ASSEMBLY	USED ON
APPLICATION		

CONTRACT NO.

PREPARED BY	R RICHES	DATE 8-29-66
CHECKED	R WEAVER	7-12-66
DRAFT. SURV	R GRANT	7-19-66
DESIGN		
APPROVED	C. E. BERKOWITZ	7-21-66

Burroughs Corporation
DEFENSE AND SPACE GROUP
GREAT VALLEY LABORATORY • BOX 873 • MALVERN, PENNSYLVANIA

WIRE LIST
KEYBOARD
(ALPHANUMERIC FIELD & CURSOR KEYS)

SIZE	CODE IDENT NO.	
C	08241	4802-1113

SCALE — SHEET 4

DWG NO. 4802-1113 REV E SH 4

PRINTED IN U.S.A. AMERICA
RES 595 REV 12/64 NO. 177

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
24	WHT	61128-1		S65	A	1			22G	1	SOLDER		N	1
				S65	B				12F				N	2
				S64	A				19F				B	3
				S64	B				14F				B	4
				S63	A				22E				V	5
				S63	B				10F				V	6
				S62	A				20E				C	7
				S62	B				14E				C	8
				S61	A				24D				X	9
				S61	B				10D				X	10
	O			S60	A				18D				Z	11
	Y			S60	B				9B				Z	12
	T			S71	A				19B				≠	13
				S71	B				9C				≠	14
				S59	A				19A				*	15
				S59	B				15B				*	16
				S72	A				17K				SPACE BAR	17
				S72	B				10J				SPACE BAR	18
				S45	A				6A				MV	19
				S45	B				7A				MV	20
				S77	A				20M				CURSOR DOWN	21
				S77	B				11N				CURSOR DOWN	22
24	WHT	61128-1		S77	J	1			9K	1	SOLDER		CURSOR DOWN	23
														24
														25
														26
														27
														28
														29
														30
														31
														32
														33
														34
														35
														36

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED & REDRAWN PER C-50620 JWH	2-24-66	
	B	REVISED PER C-64379 JWH	3-31-67	
	C	REVISED PER C-64891 D.R.M.	5-17-67	
	D	C-65473 MAR	9-[illegible]	
	E	C-66212 JAS	11/9/67	

NOTES:

LIST OF MATERIAL SEE LM

SEE ENGINEERING RECORDS

DASH NO.	NEXT ASSEMBLY	USED ON
APPLICATION		

CONTRACT NO.

		DATE
PREPARED BY	R RICHES	6-29-66
CHECKED	R WEAVER	7-12-66
DRAFT. SUPV	R GRANT	7-19-66
DESIGN		
APPROVED	C. E. BERKOWITZ	7-21-66

Burroughs Corporation
DEFENSE AND SPACE GROUP
GREAT VALLEY LABORATORY • BOX 873 • MALVERN, PENNSYLVANIA

WIRE LIST
KEYBOARD
(ALPHANUMERIC FIELD & CURSOR KEYS)

SIZE	CODE IDENT NO.	
C	08241	4802-1113

SCALE ____ SHEET 5

FORM NO. 4802-1113 REV

PRINTED IN U.S.A. AMERICA
RES 595 REV 12/64 NO. 177

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES.	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
24	WHT SOLID	SOLDER		A3	M7	1	SEE NOTE 1	A3 S1	A	1	61128-1		WIRE TO BE 1 FOOT LONG	1
					M11			S1	B					2
					C6			S2	A					3
					C11			S2	B					4
					L5			S3	A					5
					L11			S3	B					6
					K4			S4	A					7
					K11			S4	B					8
					H3			S5	A					9
					H11			S5	B					10
					J2			S6	A					11
					J11			S6	B					12
					A1			S7	A					13
					A11			S7	B					14
					A8			S8	A					15
					A12			S8	B					16
					H7			S9	A					17
					H12			S9	B					18
					J7			S10	A					19
					J13			S10	B					20
					M6			S11	A					21
24	WHT SOLID	SOLDER		A3	M13	1	SEE NOTE 1	S11	B	1	61128-1		WIRE TO BE 1 FOOT LONG	22
								S12						23
								S12						24
24	WHT SOLID	SOLDER		A3	D5	1	SEE NOTE 1	S13	A	1	61128-1		WIRE TO BE 1 FOOT LONG	25
					D13			S13	B					26
					C4			S14	A					27
					C13			S14	B					28
					A3			S15	A					29
					A13			S15	B					30
					H2			S16	A					31
					H13			S16	B					32
					B1			S17	A					33
					B13			S17	B					34
					B8			S18	A					35
24	WHT SOLID	SOLDER		A3	B14	1	SEE NOTE 1	A3 S18	B	1	61128-1		WIRE TO BE 1 FOOT LONG	36

NOTES:
1. WIRES TO BE ROUTED THRU HOLE IN CENTER OF BOARD.

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER C-64891 SEE SHEET 2 DRM.	5-17-67	
	B	C-66336 SEE SHEET 2 RFB	11/14/67	

BDF 497

~~LIST OF MATERIAL SEE 1 st~~

SEE ENGINEERING RECORDS		
	4802-1121-501	
DASH NO.	NEXT ASSEMBLY	USED ON
APPLICATION		

CONTRACT NO.		
PREPARED BY	W. DIEM	DATE 8-30-66
CHECKED		8-31-66
DRAFT SUPV.		9-1-66
DESIGN		9-3-66
APPROVED		9-3-66

Burroughs Corporation
DEFENSE AND SPACE GROUP
GREAT VALLEY LABORATORY • BOX 873 • MALVERN, PENNSYLVANIA

WIRE LIST
FUNCTION SWITCH & INDICATOR (FSI)

SIZE	CODE IDENT NO.	
C	08241	4802-1122
SCALE —	4-802	SHEET 1 OF 2

DWG NO 4802-1122 REV B

PRINTED IN U.S. AMERICA
RES 895 REV 12/64 NO. 177

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
24	WHT SOLID	SOLDER		A3	L7	1	SEE NOTE 1	A3S19	A	1	61128-1		WIRE TO BE 1 FOOT LONG	1
					L14			S19	B					2
					L6			S20	A					3
					L15			S20	B					4
					K5			S21	A					5
					K15			S21	B					6
					M8			S22	A					7
					M17			S22	B		61128-1		WIRE TO BE 1 FOOT LONG	8
					E35			DS1	A		SOLDER		WIRE TO BE 2 1/2 FEET LONG	9
					E34			DS1	B				WIRE TO BE 2 1/2 FEET LONG	10
					E37			DS2	A				WIRE TO BE 1 FOOT LONG	11
					E36			DS2	B					12
					E27			DS3	A					13
					E26			DS3	B				WIRE TO BE 1 FOOT LONG	14
					E33			DS4	A				WIRE TO BE 2 1/2 FEET LONG	15
					E32			DS4	B				WIRE TO BE 2 1/2 FEET LONG	16
					E31			DS5	A				WIRE TO BE 2 1/2 FOOT LONG	17
					E30			DS5	B					18
					E29			DS6	A					19
24	WHT SOLID	SOLDER		A3	E28	1	SEE NOTE 1	A3DS6	B	1	SOLDER		WIRE TO BE 2 1/2 FOOT LONG	20
														21
														22
														23
														24
														25
														26
														27
														28
														29
														30
														31
														32
														33
														34
														35
														36

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER C-64891 DRM.	5-17-67	RWilson
	B	C-66336 RB	11-16-67	RWilson

NOTES:

LIST OF MATERIAL SEE LM

SEE ENGINEERING RECORDS

DASH NO.	NEXT ASSEMBLY	USED ON
APPLICATION		

CONTRACT NO.

		DATE
PREPARED BY	W. DIEM	8-30-66
CHECKED	RWilson	8-31-66
DRAFTING SUPV	L Shockley	8/31/66
DESIGN	[illegible]	9/2/66
APPROVED	[illegible]	9/11/66

Burroughs Corporation
DEFENSE AND SPACE GROUP
GREAT VALLEY LABORATORY • BOX 873 • MALVERN, PENNSYLVANIA

WIRE LIST
FUNCTION SWITCH & INDICATOR (FSI)

SIZE	CODE IDENT NO.	
C	08241	4802-1122

SCALE — | 4802 | SHEET 2

DWG NO. 4802-1122 REV B

PRINTED IN U.S.A. AMERICA
NES 995 REV 12/64 ..0.177

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC.	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES.	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
16	WHT	MS25036-7		A1 +12V Bus	2	1		A1A1	1	1	SOLDER		+12V	1
16	WHT	SOLDER		A1Q1	B	1		A1A1	2	1	SOLDER			2
														3
16	WHT	34824		A1 CR3	E	2		A1 A1	4	1	SOLDER			4
12	↑	MS25036-11		↑ +3.6V BUS	2	1		↑	5	↑	↑		+3.6V	5
16	↓	SOLDER		T2	8	2		↓	6	↓	↓			6
16	↓	↓		R2	2	3		↓	7	↓	↓			7
16	↓	↓		Q4	B	1		↓	8	↓	↓			8
16	WHT	SOLDER		Q4	C	2		↓	9	↓	↓			9
10	BLK	MS25036-11		A1 GRD BUS	5	2		A1A1	10	1	SOLDER		GRD	10
														11
														12
														13
														14
16	WHT	SOLDER		A1 T1	8	1		A1CR2	A	1	SOLDER			15
16	↑	↑		↑ ↑	9	2		CR1	A	1	34824			16
16 SOLID	↓	↓		↓ ↓	9	2		T1	10	2	SOLDER			17
10	↓	↓		↓	10	2		BUS GRD	5	2	MS25036-11		GRD	18
16	↓	↓		T1	11	1		CR3	A	1	SOLDER			19
12 SOLID	↓	↓		T2	2	1		T2	5	1	↕			20
12	↓	↓		↑	8	2		CR4	A	1	↕			21
12 SOLID	WHT	↓		↑	9	1		T2	10	2	SOLDER			22
10	BLK	↓		↓	10	2		BUS GRD	6	2	MS25036-11		GRD	23
12	WHT	↓		T2	11	1		CR5	A	1	SOLDER			24
16	↕	SOLDER		C5	+	2		Q4	C	2	SOLDER			25
12	↕	35345		↓ CR5	C	2		↓ CR4	C	2	35345			26
10	WHT	35345		A1 CR4	C	2		A1 C7	+	2	SOLDER			27
														28
														29
12	WHT	SOLDER	LUG SUPPLIED WITH TRANSISTOR	A1 Q2	C	1		A1 Q3	C	2	SOLDER	LUG SUPPLIED WITH TRANSISTOR		30
10	↑	32546		↑ Q3	C	2		↑ CR5	C	2	35345			31
16	↓	SOLDER		CR6	C	1		+3.6V BUS	3	1	MS25036-7		+3.6V	32
12	↓	SOLDER		↓ C6	+	1		↓ +3.6V BUS	4	1	MS25036-11		+3.6V	33
10	WHT	SOLDER		A1 Q3	E	1		A1 +3.6V BUS	5	2	MS25036-11		+3.6V	34
10	WHT	SOLDER		A1Q2	E	1		A1 +3.6 BUS	5	2	MS25036-11		+3.6V	35
														36

ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER C64331, SEE SH 2 JCB	9-16-67	
	B	REVISED PER C-64800 SEE SH 2 A.J.S.	4-29-67	
	C	C-66215 V.C.	11-1-67	
	D	C-66522 JRG	1-22-68	
	E	SHEET 1 C-66866 SEE SHEET 2 RPB	2-29-68	
	F	C-71215 JH	5-7-68	
	G	SHEET 1, C-71384 SEE SHEET 2 F.C.	6-15-68	

NOTES:

LIST OF MATERIAL SEE LM 4802-1127

SEE ENGINEERING RECORDS	CONTRACT NO.	Burroughs Corporation, DEFENSE AND SPACE GROUP, GREAT VALLEY LABORATORY · BOX 679 · MALVERN, PENNSYLVANIA
	PREPARED BY F. Egrich 6-30-66	WIRE LIST POWER SUPPLY-LOGIC UNIT +3.6V AND +12V
	CHECKED	
	DRAFT. SUPV. 9-7-66	
	DESIGN 9/6/66	
501 4802-1057-501	APPROVED 9/12/66	SIZE C · CODE IDENT NO. 08241 · 4802-1127
DASH NO. · NEXT ASSEMBLY · USED ON		SCALE ~ · SHEET 1 OF 2
APPLICATION		

PRINTED IN U.S. AMERICA
RES 896 REV 12/64 NO. 177

DWG NO. 4802-1127 REV G

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES.	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
														1
10	BLK	35345		A1CR6	A	1		A1BUSGRD	6	2	MS25036-11		GRD	2
16 SOLID	WHT	SOLDER		A1 R2	1	2		A1 Q3	B	1	SOLDER			3
16 SOLID	WHT	SOLDER		A1 R2	2	3		A1 Q4	E	1	SOLDER			4
16	WHT	35345 SEE NOTE 1		A1CR2	C	3		CR3	C	2	34824			5
														6
														7
														8
16	WHT	SOLDER		A1 C2	+	1		A1CR2	C	3	35345 (SEE NOTE 1)			9
16		SOLDER		C1	+			+12V BUS	3	1	MS25036-7		+12 V	10
16		SOLDER		CR1	C			+12V BUS	4	1	MS25036-7		+12V	11
12		SOLDER		Q1	E			+12V BUS	5	1	MS25036-11		+12V	12
16	WHT	SOLDER		A1 T1	2	1		A1 T2	7	1	SOLDER			13
														14
16	BLK	SOLDER		A1T1	1	1	(SEE NOTE 2)	XF3	2	1	SOLDER		ϕ	15
16	BLK	SOLDER		A1T2	1	1	(SEE NOTE 2)	XF2	2	1	SOLDER		ϕ	16
16	WHT	SOLDER		A1T2	7	2	(SEE NOTE 2)	TB1	B4	1	DS100277-1 (SEE NOTE 3)		NEUT	17
														18
														19
														20
														21
														22
														23
16	WHT	SOLDER		R2	2	3		R1	2	1	SOLDER			24
16	WHT	35345 (SEE NOTE 1)		CR2	C	3		Q1	C	2	SOLDER			25
														26
16 SOLID	WHT	SOLDER		Q2	B	1		R1	1	1	SOLDER			27
														28
														29
														30
														31
														32
														33
														34
														35
														36

REVISIONS ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER C64331 JCB	3-16-67	
	B	REVISED PER C-64800 AJS	4-27-67	
	D	C-66522 JRG	1-22-68	
	E	C-66866 RPB	2-29-68	
	G	C-71384 FC.	6-15-68	

NOTES:

1. CRIMP LUG SHALL ACCOMODATE 3 WIRES AT CR2 (C).
2. ALLOW APPROX 30 IN. WIRE TO XF3, XF2 & TB1 TO PROVIDE SLACK FOR REMOVAL OF POWER SUPPLY FOR MAINTENANCE.
3. CRIMP LUG ON WIRE AT ASSY AFTER ROUTING TO TB1 (B4) TERMINATION.

LIST OF MATERIAL SEE L.M.

SEE ENGINEERING RECORDS			CONTRACT NO.
			PREPARED BY F. Egrich DATE 6-30-66
			CHECKED
			DRAFT. SUPV. [illegible] 9/15/66
			DESIGN [illegible] 9/14/66
			APPROVED [illegible] 9/14/66
DASH NO.	NEXT ASSEMBLY	USED ON	APPLICATION

Burroughs Corporation
DEFENSE AND SPACE GROUP
GREAT VALLEY LABORATORY • BOX 679 • MALVERN, PENNSYLVANIA

WIRE LIST
POWER SUPPLY-LOGIC UNIT +3.6V AND +12V

SIZE	CODE IDENT NO.	
C	08241	4802-1127

SCALE ~ SHEET 2

DWG NO. 4802-1127 REV B

PRINTED IN U.S. AMERICA
RES 500 REV 12/64 NO.177

CONDUCTOR		FROM					ROUTING	TO					REMARKS	LINE
SIZE AWG	COLOR	TERMINATION TYPE/PART	TERMINATION SLEEVE/MISC	PART REF DES	TERM.	NO. OF WIRES		PART REF DES.	TERM.	NO. OF WIRES	TERMINATION TYPE/PART	TERMINATION SLEEVE/MISC.		
#28	WHT	SOLDER		A2A2	GS-1	1		A2A1	GS-1	1	SOLDER		GS-1	1
					GS-2				GS-2				GS-2	2
					GS-3				GS-3				GS-3	3
					GS-4				GS-4				GS-4	4
					GS-5				GS-5				GS-5	5
					GS-6				GS-6				GS-6	6
					GS-7				GS-7				GS-7	7
					GS-8				GS-8				GS-8	8
					GS-9				GS-9				GS-9	9
					GS-10				GS-10				GS-10	10
					GS-11				GS-11				GS-11	11
					GS-12				GS-12				GS-12	12
					77				SB1-X				SB1-X	13
					78				SB1-Y				SB1-Y	14
					79				SB2-X				SB2-X	15
					80				SB2-Y				SB2-Y	16
					81				SB3-X				SB3-X	17
					82				SB3-Y				SB3-Y	18
					83				SB4-X				SB4-X	19
					84				SB4-Y				SB4-Y	20
					85				SB5-X				SB5-X	21
					86				SB5-Y				SB5-Y	22
					87				SB6-X				SB6-X	23
					88				SB6-Y				SB6-Y	24
					89				SB7-X				SB7-X	25
					90				SB7-Y				SB7-Y	26
					91				SB8-X				SB8-X	27
					92				SB8-Y				SB8-Y	28
					93				SB9-X				SB9-X	29
					94				SB9-Y				SB9-Y	30
					95				SB10-X				SB10-X	31
					96				SB10-Y				SB10-Y	32
					97				SB11-X				SB11-X	33
					98				SB11-Y				SB11-Y	34
					99				SB12-X				SB12-X	35
#28	WHT	SOLDER		A2A2	100	1		A2A1	SB12-Y	1	SOLDER		SB12-Y	36

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER C-50843 SEE SH. 2 & 3 CMW	11-10-66	
	B	SEE SHEET 2 FOR C-64891 DRM.	5-17-67	
	C	SEE SHEET 2 FOR C-71910 M.P.S.	11/4/68	

NOTES:

~~LIST OF MATERIAL SEE LM~~

SEE ENGINEERING RECORDS		
	4802-1114-501	
DASH NO.	NEXT ASSEMBLY	USED ON
APPLICATION		

CONTRACT NO.

PREPARED BY	W. DIEM	DATE 7-29-66
CHECKED		9-6-66
DESIGN SUPV.		9/7/66
DESIGN		9-6-66
APPROVED		9/7/66

Burroughs Corporation
DEFENSE AND SPACE GROUP
GREAT VALLEY LABORATORY • BOX 873 • MALVERN, PENNSYLVANIA

WIRE LIST
INTERCONNECTIONS
SYMBOL GENERATOR

SIZE	CODE IDENT NO.	
C	08241	4802-1134
SCALE		SHEET 1 OF 3

FORM NO. 4802-1134 REV. C

PRINTED IN U.S.A. FORM 896 REV. 12/64 NO. 177

CONDUCTOR		FROM					ROUTING	TO					REMARKS	LINE
SIZE AWG	COLOR	TERMINATION TYPE/PART	TERMINATION SLEEVE/MISC	PART REF DES	TERM.	NO. OF WIRES		PART REF DES.	TERM.	NO. OF WIRES	TERMINATION TYPE/PART	TERMINATION SLEEVE/MISC.		
														1
#22	RED	SOLDER		A2A2	GRD	2		A2A3	GRD	2	SOLDER		GRD	2
#28	WHT				STA	1			STA	1			STA	3
#22	RED				+26V				+26V	2			+26V	4
#22	RED			A2A2	+3.6V				+3.6V	1			+3.6V	5
#22	RED			A2A1	+6.2V				+6.2V				+6.2V	6
#22	RED				XCU				XCU				XCU	7
#22	RED				YCU				YCU				YCU	8
#28	WHT				1				1				SEL 1	9
					2				2				2	10
					3				3				3	11
					4				4				4	12
					5				5				5	13
					6				6				6	14
					7				7				7	15
					8				8				8	16
					9				9				9	17
					10				10				10	18
					11				11				11	19
					12				12				12	20
					13				13				13	21
					14				14				14	22
					15				15				15	23
					16				16				16	24
					17				17				17	25
					18				18				18	26
					19				19				19	27
					20				20				20	28
					21				21				21	29
					22				22				22	30
					23				23				23	31
					24				24				24	32
					25				25				25	33
					26				26				26	34
					27				27				27	35
#28	WHT	SOLDER		A2A1	28	1		A2A3	28	1	SOLDER		SEL 28	36

REVISIONS

ZONE	LTR	DESCRIPTION		DATE	APPROVED
	A	REVISED PER C-50843	CMW	11-10-66	
	B	REVISED PER C-64891	DRM.	5/1967	
	C	C-71910	MPS	11/4/68	H. Kopp

NOTES:

LIST OF MATERIAL SEE LM

SEE ENGINEERING RECORDS

DASH NO.	NEXT ASSEMBLY	USED ON
APPLICATION		

CONTRACT NO.

PREPARED BY	W. DIEM	7-29-66
CHECKED		9-6-66
ENGR. SUPV		9/7/66
DESIGN		9-6-66
APPROVED		9/9/66

Burroughs Corporation
DEFENSE AND SPACE GROUP
GREAT VALLEY LABORATORY • BOX 872 • MALVERN, PENNSYLVANIA

WIRE LIST
INTERCONNECTIONS
SYMBOL GENERATOR

SIZE	CODE IDENT NO.	
C	08241	4802-1134

SCALE | SHEET 2

DWG NO. 4802-1134 REV C

PRINTED IN U.S.A. AMERICA
RES 596 REV 12/64 NO. 177

CONDUCTOR		FROM					ROUTING	TO					REMARKS	LINE
SIZE AWG	COLOR	TERMINATION TYPE/PART	TERMINATION SLEEVE/MISC	PART REF DES	TERM	NO. OF WIRES		PART REF DES	TERM	NO. OF WIRES	TERMINATION TYPE/PART	TERMINATION SLEEVE/MISC.		
#28	WHT	SOLDER		A2A1	29	1		A2A3	29	1	SOLDER		SEL 29	1
					30				30				30	2
					31				31				31	3
					32				32				32	4
					33				33				33	5
					34				34				34	6
					35				35				35	7
					36				36				36	8
					37				37				37	9
					38				38				38	10
					39				39				39	11
					40				40				40	12
					41				41				41	13
					42				42				42	14
					43				43				43	15
					44				44				44	16
					45				45				45	17
					46				46				46	18
					47				47				47	19
					48				48				48	20
					49				49				49	21
					50				50				50	22
					51				51				51	23
					52				52				52	24
					53				53				53	25
					54				54				54	26
					55				55				55	27
					56				56				56	28
					57				57				57	29
					58				58				58	30
					59				59				59	31
					60				60				60	32
					61				61				61	33
					62				62				62	34
					63				63				63	35
#28	WHT	SOLDER		A2A1	64	1		A2A3	64	1	SOLDER		SEL 64	36

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER C-50843 CMW	11-10-66	

BDF 497

NOTES:

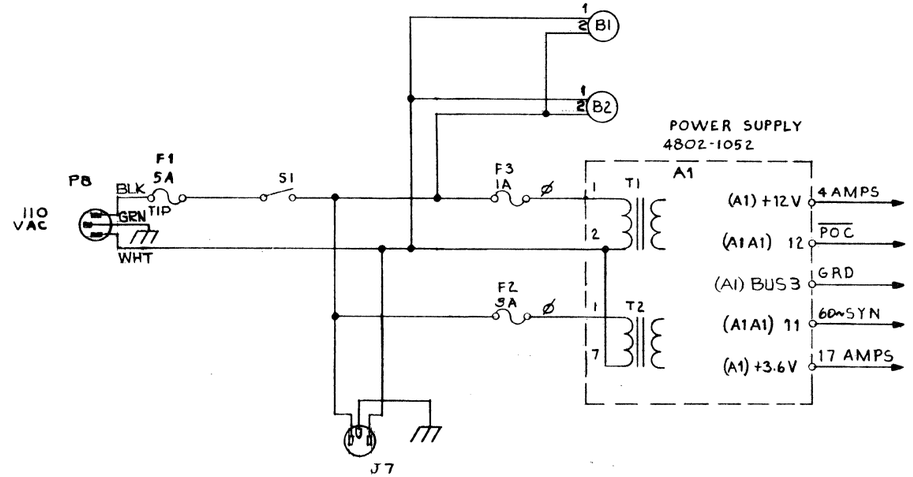
LIST OF MATERIAL SEE LM

SEE ENGINEERING RECORDS	CONTRACT NO.	Burroughs Corporation
		DEFENSE AND SPACE GROUP, GREAT VALLEY LABORATORY • BOX 873 • PAOLI, PENNSYLVANIA
	PREPARED BY W. DIEM 7-29-66	WIRE LIST
	CHECKED 7-6-66	INTERCONNECTIONS
	DRAFT SUPV 8/1/66	SYMBOL GENERATOR
	DESIGN 9-1-66	
	APPROVED 9/3/66	SIZE C · CODE IDENT NO. 08241 · 4802-1134
DASH NO. · NEXT ASSEMBLY · USED ON		SCALE — · SHEET 3
APPLICATION		

4802-1134 REV. AA 13 A1

PRINTED IN U.S.A. AMERICA
RES 595 REV 12/64 NO. 177

ZONE	LTR	REVISIONS DESCRIPTION	DATE	APPROVED
	A	REVISED PER C-64891 D.R.M.	5-17-67	R.W. Grant
	B	REVISED PER C-65105 M.S.	8-7-67	S.S. Schuster
	C	REVISED PER X-71850 F.J.C.	11/29/68	H. Kopper



NOTES:

1. FOR WIRE LIST SEE 4802-1147.

LIST OF MATERIAL SEE LM

SEE ENGINEERING RECORDS		
	4802-1157-501	
DASH NO.	NEXT ASSEMBLY	USED ON
APPLICATION		

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ± 02
3 PLACE DECIMALS ± 010
ANGLES ±2°
SURFACE FINISH NOT TO EXCEED 125
REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
MATERIAL:

CONTRACT NO.

PREPARED BY	H. LIVINGSTON	DATE 8-31-66
CHECKED		
DRAFT SUPV.	W. Grant	9/15/66
DESIGN	W. Grant	9/15/66
APPROVED	C.E. Bakonyi	9/21/66

Burroughs Corporation
DEFENSE, SPACE AND SPECIAL SYSTEMS GROUP
PAOLI, PENNSYLVANIA

SCHEMATIC DIAGRAM, ELECTRICAL
LOGIC UNIT

SIZE	CODE IDENT NO.	
C	08241	4802-1144
SCALE		SHEET

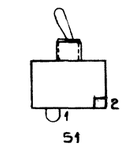
DWG. NO. 4802-1144 REV. C

PRINTED IN U.S. AMERICA NO. 177
REG. 570 REV. 1/66

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM	FROM NO. OF WIRES	ROUTING	TO PART REF DES.	TO TERM	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
–	BLK	17419		P8	1	1		TB1	A1	2	MS25036-7		110 VAC	1
–	WHT			P8	2	1		TB1	A2	1	MS25036-7		110 VAC	2
–	GRN			P8	3	1		A1E1	–	2	DS100277-5		GRD	3
16	BLK	34144		J7	3	1		A1	E1	2	DS100277-5		GRD	4
	BLK	34144		J7	1	1		TB1	B6	1	34144			5
	WHT	34144		J7	2	1			B5	2				6
16	BLK	SOLDER		XF1	1	1			B1	1				7
16	WHT	SOLDER		B1	1	1			B3	2				8
16	BLK	SOLDER		B1	2	1			B7	2				9
16	WHT	SOLDER		B2	1	1			B3	2				10
16	BLK	SOLDER		B2	2	1			B7	2				11
16	BLK	SOLDER		XF2	1	2			B8	1				12
16	BLK	60398-1		S1	2	1		TB1	B6	2	34144			13
														14
														15
														16
														17
16	BLK	60398-1		S1	1	1		XF1	2	1	SOLDER			18
16	BLK	SOLDER		XF2	1	2		XF3	1	1	SOLDER			19
														20
														21
														22
														23
														24
														25
														26
														27
														28
														29
														30
														31
														32
														33
														34
														35
														36

REVISIONS

ZONE	LTR	DESCRIPTION		DATE	APPROVED
	A	REVISED PER C-64891	DRM.	5-17-67	
	B	C-66337	RPB	11-14-67	
	C	C-66556	RPB	12-19-67	
	D	C-66866	RPB	2-28-68	
	E	C-71325	TAL	6-4-68	



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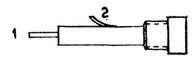


XF1, XF2, XF3

J7
WIRING SIDE

NOTES: 1. FOR SCHEMATIC 4802-1144.

LIST OF MATERIAL SEE LM4802-1147

SEE ENGINEERING RECORDS		
501	4802-1157-501	
DASH NO.	NEXT ASSEMBLY	USED ON
APPLICATION		

CONTRACT NO.

PREPARED BY	J.C BERNAT	DATE 9-6-66
CHECKED		
DRAFT. SUPV.		9/15/66
DESIGN		9/15/66
APPROVED		9/20/66

Burroughs Corporation
DEFENSE AND SPACE GROUP
GREAT VALLEY LABORATORY-BOX 873-MALVERN, PENNSYLVANIA

WIRE LIST
AC POWER DISTRIBUTION LOGIC UNIT

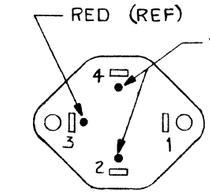
SIZE	CODE IDENT NO.	
C	08241	4802-1147
SCALE		SHEET

DWG NO. 4802-1147 REV E

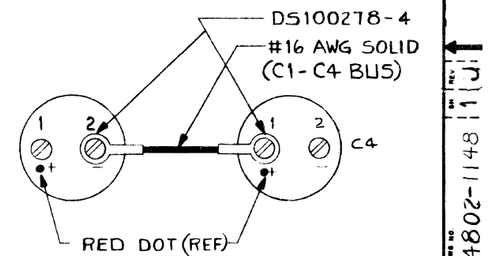
PRINTED IN U.S. AMERICA
RES 590 REV 12/64 NO.177

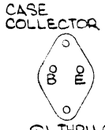
CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM	FROM NO OF WIRES	ROUTING	TO PART REF DES	TO TERM	TO NO OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC	REMARKS	LINE
16	SOLID	DS100278-4		A1C1	2	1	C1-C4 BUS	A1C4	1	2	DS100278-4		GRD	1
16	WHT	SOLDER		A1T1-A	0	1		A1CR5	4	1	SOLDER			2
				A1T1-A	28	1		A1CR5	2	1				3
				A1T1-B	0	1		A1CR4	4	1				4
16				A1T1-B	28	1		A1CR4	2	1				5
18	WHT			A1TB1	8	2		C1-C4	BUS	7			GRD	6
16	SOLID			A1CR4	1	1		A1CR5	3	2				7
	WHT			A1C5	+	1		C1-C4	BUS	7				8
				A1CR5	3	2								9
				A1C2	-	1								10
16	WHT	SOLDER		A1TB2	1	2		C1-C4	BUS	7	SOLDER		GRD	11
														12
10	BLK	DS100278-10		A1A3	E12	1	SEE SKETCH	A1C4	1	2	DS100278-7		GRD	13
22	WHT	SOLDER		A1A1	E3	3		A1TB2	1	2	SOLDER		GRD	14
														15
														16
														17
22	WHT	SOLDER		A1A2	E4	1		A1TB2	2	3	SOLDER		+23V	18
				A1A2	E5	1		A1Q6	E	3			-23V	19
				A1A2	E6	2		A1TB1	8	2			GRD	20
				A1A4	E9	1		A1TB2	2	3			+23V	21
				A1A4	E10	1		A1Q6	E	3			-23V	22
				A1A4	E11	1		A1TB2	3	2			+15V	23
				A1A3	E9	1		A1TB2	2	3			+23V	24
				A1A3	E10	1		A1Q6	E	3			-23V	25
				A1A3	E11	1		A1TB2	3	2	SOLDER		+15V	26
				A1A1	E17	1		A1C4	2	5	DS100278-4		-28V	27
				A1A1	E18	1		A1C1	1	6	DS100278-4		+28V	28
				A1A3	E7	1		A1R12	1	1	SOLDER			29
				A1A3	E6	1		A1R13	1	1				30
				A1A4	E7	1		A1R14	1	1				31
22				A1A4	E6	1		A1R15	1	1				32
16				A1Q1	C	1		A1R7	2	1				33
				A1Q2	C	1		A1R4	2	1				34
				A1Q3	C	1		A1R5	2	1				35
16	WHT	SOLDER		A1Q4	C	1		A1R6	2	1	SOLDER			36

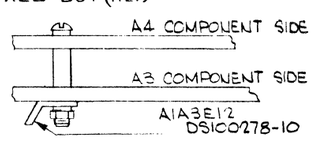
ZONE	LTR	REVISIONS DESCRIPTION		DATE	APPROVED
	A	SEE SH. 3 FOR C-60843	CMW	11-10-66	
	B	REVISED PER C-64744, SEE SHS 2&3	JH	4-25-67	
	C	SHEET 1, C-66211 SEE SHTS 2&3	JV	5-16-67	
	D	SHEET 1, C-66547 SEE SHTS 2&3	EM	7/29/67	
	E	C-66897	TAL	1-26-68	
	F	SHEET 1, C-71039 SEE SHEET 3	TAL	4-5-68	
	G	X-71069, SEE SHEETS 2 & 3	JH	5-8-68	
	H	C-71387 SEE SHEETS 2 & 3 ADD SHEET 4	JCS	7-10-68	
	J	SEE SHEET 3 FOR C-71762	RPB	10/16/68	



CR4, CR5







NOTES:
1. NO. 22 TP WIRE AS REQUIRED SHOULD BE MADE FROM NO. 22 BLACK AND WHITE
2. NO. 16 TP WIRE AS REQUIRED SHOULD BE MADE FROM NO. 16 BLACK AND WHITE
3. WIRE ROUTING IN ACCORDANCE WITH 4802-1055

LIST OF MATERIAL SEE LM 4802-1148

SEE ENGINEERING RECORDS	CONTRACT NO.	Burroughs Corporation, DEFENSE AND SPACE GROUP, GREAT VALLEY LABORATORY • BOX 873 • MOLI, PENNSYLVANIA
	PREPARED BY H. GEIGER, DATE 9-7-66	WIRE LIST INTERCONNECTIONS MONITOR CHASSIS
	CHECKED	
	DRAFT. SUPV. [illegible] 9/14/66	
	DESIGN [illegible] 9/14/66	
501 4802-1090-501	APPROVED [illegible] 9/14/66	SIZE C, CODE IDENT NO. 08241, 4802-1148
DASH NO. / NEXT ASSEMBLY / USED ON		SCALE, SHEET 10F4
APPLICATION		

FORM NO 4802-1148 REV J

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES.	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
16	WHT	SOLDER		A1R4	1	1		A1XF2	2	1	SOLDER		+28V	1
				A1R5	1	1		A1XF4	2	1			-28V	2
				A1R6	1	1		A1XF3	2	1			+28V	3
	WHT			A1R7	1	1		A1XF5	2	1			-28V	4
	BUS			A1XF2	1	1		A1XF3	1	2	SOLDER		+28V	5
	WHT			A1XF3	1	2		A1C1	1	6	D5100278-4		+28V	6
	WHT			A1XF4	1	2		A1C4	2	5	D5100278-4		-28V	7
16	BUS			A1XF5	1	1		A1XF4	1	2	SOLDER		-28V	8
22	WHT			A1TB1	4	1		A1R8	1	1				9
	WHT			A1R8	3	1		A1TB1	5	1				10
	WHT			A1A1	E1	1	NOTE 1	A1A3	E2	1			Δ X	11
	BLK			A1A1	E3	3		A1A3	E5	1				12
	WHT			A1A1	E2	1		A1A4	E2	1				13
	BLK			A1A1	E3	3	NOTE 1	A1A4	E5	1			Δ Y	14
	WHT			A1R8	2	1		A1TB1	6	1				15
22	WHT			A1CR2	A	1		A1Q6	B	1				16
18	WHT			A1Q1	E	1		A1Q2	E	2				17
18	WHT			A1Q3	E	1		A1Q4	E	2				18
20	BLK			A1Q2	E	2	NOTE 2	A1J3	D	1			X SWEEP	19
	WHT			A1A3	E8	1			E	1			X SWEEP	20
	BLK			A1Q4	E	2			A	1			Y SWEEP	21
20	WHT	SOLDER		A1A4	E8	1	NOTE 2	A1J3	B	1	SOLDER		Y SWEEP	22
														23
—	—	4802-1192-1		A1L2	2	1		A1CR5	1	1	SOLDER			24
—	—	4802-1192-1		A1L1	2	1		A1CR4	3	1	SOLDER			25
—	—	4802-1192-1		A1L2	1	1		A1C4	2	5	D5100278-12		-28V	26
—	—	4802-1192-1		A1L1	1	1		A1C1	1	6	D5100278-12		+28V	27
														28
—	—	1701-5348		A1PS1	ORG	1		A1TB1	2	2	SOLDER		+400V	29
D5100485-1		SOLDER		A1A3	E3			A1J1	1	1			X	30
22	BLK	D5100282-1	D5100217-9	A1A3	E3 SHLD			A1A3	E4	1			SHLD	31
D5100485-1		SOLDER		A1A4	E3			A1J2	1	1			Y	32
22	BLK	D5100282-1	D5100217-9	A1A4	E3 SHLD	2		A1A4	E4	1	SOLDER		SHLD	33
—	—	1701-534-8		A1PS1	RED	1		VI-17 PWP4	—	1				34
—	—	1701-584-8		A1PS1	BLK	1		C1-C4	BUS	7	SOLDER		GRD	35
														36

REVISIONS					
ZONE	LTR	DESCRIPTION		DATE	APPROVED
	B	REVISED PER C-64744	JH	4-25-67	
	C	C-66211	JPV	11-6-67	
	D	C-66547	EM	12-29-67	
	G	X-71069	JH	5-9-68	
	H	C-71387	JCS	7-10-68	

R8
REAR VIEW

NOTES:

LIST OF MATERIAL SEE LM

SEE ENGINEERING RECORDS		
DASH NO.	NEXT ASSEMBLY	USED ON
APPLICATION		

CONTRACT NO.

PREPARED BY	H. GEIGER	DATE 9-8-66
CHECKED		
DRAFT. SUPV		9/15/66
DESIGN		9/15/66
APPROVED		9/21/66

Burroughs Corporation
DEFENSE AND SPACE GROUP
GREAT VALLEY LABORATORY • BOX 873 • MALVERN, PENNSYLVANIA

WIRE LIST
INTERCONNECTIONS
MONITOR CHASSIS

SIZE	CODE IDENT NO.	
C	08241	4802-1148

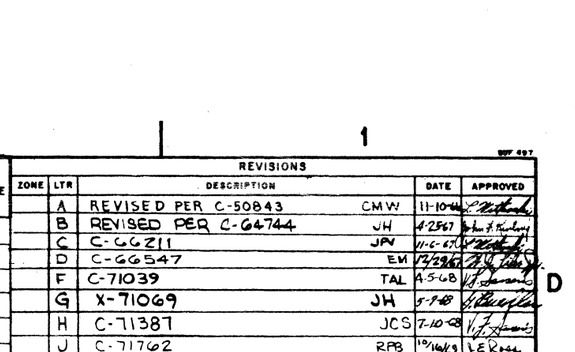
SCALE | SHEET 2

DWG NO. 4802-1148 REV H

PRINTED IN U.S.A. AMERICA
RES 895 REV 12/64 NO.177

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM	FROM NO. OF WIRES	ROUTING	TO PART REF DES	TO TERM	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
														1
18	SOLID	SOLDER		A1 TB3	2	3		A1TB3	3	3	SOLDER		110 VAC	2
18	SOLID	↕		A1TB3	4	3		A1TB3	5	3	↕		110 VAC	3
18	WHT	↕		A1TB3	8	1		C1-C4	BUS	7	↕		GRD	4
16	WHT	↕		A1T1	PRI 115	1		A1TB3	4	3	↕		110 VAC	5
16	BLK	↕		A1T1	PRI 115	1		A1TB3	3	3	↕		110 VAC	6
16	BLK	SOLDER		A1TB5	3	3		A1XF1	2	1	SOLDER		110 VAC	7
~~16~~	~~BLK~~	~~SOLDER~~		~~A1S1~~	~~C~~	1		~~A1XF1~~	~~2~~	1	~~SOLDER~~		~~110 VAC~~	8
22	WHT	DS100278-4		A1C1	1	6		A1J4	H	1	42975-1		+28V	9
↕	WHT	DS100278-4		A1C4	2	5		A1J4	N	1	↕		-28V	10
	BLK	SOLDER		C1-C4	BUS	5		A1J4	P	1			GRD	11
	WHT	SOLDER		A1A2	E1	1		A1J4	A	1			Z1	12
22	WHT	SOLDER		A1A2	E2	1		A1 J4	F	1	42975-1		Z2	13
														14
														15
—	GR	P64C5		A1T2	A	—		A1TB3	6	1	SOLDER		6.3VAC	16
—	GR	↕		A1T2	B	—		A1TB3	7	1	↕		6.3VAC	17
—	GR WHT	↕		A1T2	C.T.	—		A1TB3	8	3	↕		GRD	18
—	BLK	↕		A1T2	PR1	—		A1TB3	5	3	↕		110VAC	19
—	BLK	P64G5		A1T2	PR2	—		A1TB3	2	3	↕		110VAC	20
—		} 17419		A1W7	BLK	—		A1XF1	2	1	↕		110VAC1Φ	21
—		↕		A1W7	WHT	—		A1TB3	4	3	↕		110VACN	22
—		↕		A1W7	GRN	—		A1TB3	8	3	↕		GRD	23
18	BLK	SOLDER		A1B1	1	—		A1TB3	2	3	↕			24
18	WHT	SOLDER		A1B1	2	—		A1TB3	5	3	SOLDER			25
-	GRN	8947-34 CABLE ASSY		A1XV1	2			A1A2	E3	1	SOLDER		Z	26
								A1 A2	E6	2	SOLDER		Z GRD	27
		8947-34 CABLE ASSY	SEE DETAIL A	A1XV1	10	-		A1 TB1	3	1				28
-	YEL	↕	↕	↕	11	-		A1 TB1	6	↕	↕	↕		29
-	BLK	↕	↕	↕	1	-	TWISTED	A1 TB3	7	↕	↕	↕	FIL	30
-	BRN	↕	↕	↕	12	-	PAIR	A1 TB3	6	1	↕	↕	FIL	31
-	ORG	8947-34 CABLE ASSY	↕	A1XV1	6	-		A1 TB1	2	2	SOLDER	↕		32
22	WHT	SOLDER	↕	A1Q5	E	1		A1TB2	2	2	↕	↕		33
↕	↕	↕	↕	A1Q5	B	1		A1TB2	5	2	↕	↕		34
↕	↕	↕	↕	A1Q5	C	1		A1TB2	6	2	↕	↕		35
22	WHT	SOLDER	↕	A1Q6	C	1		A1TB2	7	2	SOLDER	↕		36

ZONE	LTR	REVISIONS DESCRIPTION		DATE	APPROVED
	A	REVISED PER C-50843	CMW	11-10-66	
	B	REVISED PER C-64744	JH	4-2567	
	C	C-66211	JAV	11-6-67	
	D	C-66547	EM	1/23/68	
	F	C-71039	TAL	4-5-68	
	G	X-71069	JH	5-9-68	
	H	C-71387	JCS	7-10-68	
	J	C-71762	RPB	10/16/68	



DETAIL A

LIST OF MATERIAL SEE LM.

NOTES:

SEE ENGINEERING RECORDS	CONTRACT NO.	Burroughs Corporation
		DEFENSE AND SPACE GROUP, GREAT VALLEY LABORATORY • BOX 873 • PAOLI, PENNSYLVANIA
	PREPARED BY H GEIGER	DATE
	CHECKED	
	DRAFT. SUPV.	
	DESIGN	
	APPROVED	

WIRE LIST
INTERCONNECTIONS
MONITOR CHASSIS

DASH NO.	NEXT ASSEMBLY	USED ON	SIZE	CODE IDENT NO.	
APPLICATION			C	08241	4802-1148
			SCALE		SHEET 3

4802-1148 REV B

PRINTED IN U.S.A. AMERICA
RES 595 REV 12/64 NO 177

CONDUCTOR SIZE/COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
20 WHT	DS100278-4		A1C1	1(+)	6	CHASSIS OPENING	A1F6	1	1	SOLDER		+28V	1
20 BLK	SOLDER		A1TB2	6	2		A1F6	2	1			+28V	2
20 WHT	DS100278-4		A1C4	2(-)	5		A1F7	1	1			-28V	3
20 BLK	SOLDER		A1TB2	7	2	CHASSIS OPENING	A1F7	2	1	SOLDER		-28V	4
- -	GVL20422		A1PS1	WHT W10	1		A1C1	1(+)	6	DS100278-4		+28V	5
													6
													7
													8
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													36

BDF 497

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED
	H	ADDED PER C-71387 JES	7-16-68	

NOTES:

PARTS LIST SEE PL

SEE ENGINEERING RECORDS	
NEXT ASSEMBLY	USED ON
APPLICATION	

CONTRACT NO.

PREPARED BY	J.E. SCHMIDT	DATE 7-10-68
CHECKED	V.J. [illegible]	7-10-68
DRAFT. SUPV.	[illegible]	7-12-68
DESIGN	C.E. Berkowitz	7-12-68
APPROVED	C.E. Berkowitz	7-12-68

Burroughs Corporation
DEFENSE, SPACE AND SPECIAL SYSTEMS GROUP
PAOLI, PENNSYLVANIA

WIRE LIST
INTERCONNECTIONS MONITOR CHASSIS

SIZE	CODE IDENT NO.	
C	08241	4802-1148

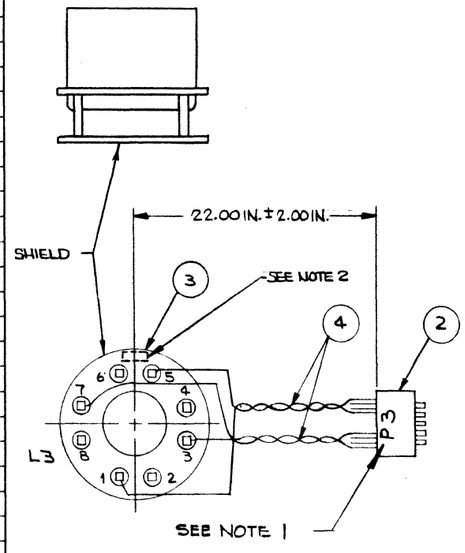
SCALE | SHEET 4

PRINTED IN U.S.A. AMERICA

BDB 817 1065 REB 896 6/1/67

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
20	BLK	SOLDER		L3	3	1		L3P3	A	1	SOLDER			1
↕	WHT	↕		↕	7	1		↕	B	1	↕		Y	2
↕	WHT	↕		↕	1	1		↕	E	1	↕			3
20	BLK	SOLDER		L3	5	1		L3P3	D	1	SOLDER		X	4

ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER C-64891 #F	5-7-67	
	B	C-66016 R.M.	10/25/67	
	C	C-66295 W.J.B.	11-8-67	
	D	C-66407 RB	11-27-67	
	E	C-66547 EM	12/28/67	
	F	C-72033 MCD	4/2/69	



NOTES:
1. SYM FOR REF ONLY. EXCEPT WHERE NOTED.
2. STAMP LATEST LM REV LTR LOCATED IN AREA APPROX AS SHOWN, ALL CHARACTERS .12 HIGH UNLESS OTHERWISE SPECIFIED, SEE LM ITEM NO. 7.

LIST OF MATERIAL SEE LM 4802-1150

SEE ENGINEERING RECORDS

DASH NO.	NEXT ASSEMBLY	USED ON
501	4802-1098-501	

APPLICATION

CONTRACT NO.

		DATE
PREPARED BY	R RICHES	9-12-66
CHECKED		
DRAFT. SUPV	R Grant	9/15/66
DESIGN		9/15/66
APPROVED		9/15/66

Burroughs Corporation
DEFENSE AND SPACE GROUP
GREAT VALLEY LABORATORY • BOX 873 • MALVERN, PENNSYLVANIA

WIRE LIST
COIL, DEFLECTION

SIZE	CODE IDENT NO.	DWG NO.
C	08241	4802-1150

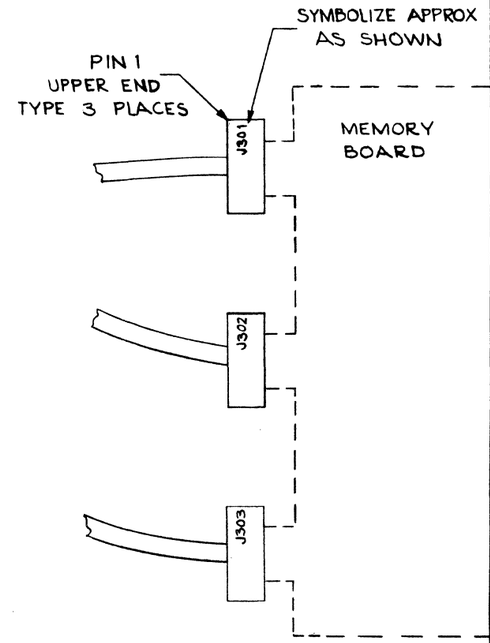
SCALE | SHEET

REV F

PRINTED IN U.S.A. AMERICA
RES 595 REV 12/64 NO. 177

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES.	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
26	WHT	(7)		1201	32	1		J301	1	1	(4)		XMC4	1
				1201	33				2				XMC2	2
				1101	46				5				YM2	3
					39				6				0	4
					14				7				6	5
					11				8				4	6
					61				9				10	7
					22				10				8	8
					68				11				14	9
					28				12				12	10
					47				13				18	11
					40				14				16	12
					15				15				22	13
					12				16				20	14
					62				17				26	15
					58				18				24	16
					69				19				30	17
					64				20				28	18
					35				23				C1	19
				1101	34				24				YM C3	20
				1201	48				27				XM 3	21
					41				28				1	22
					16				29				7	23
					13				30				5	24
					27				31				11	25
					23				32				9	26
					70				33				15	27
					66				34				13	28
					49				35				19	29
					42				36				17	30
					52				37				23	31
					50				38				21	32
					63				39				27	33
					59				40				25	34
					71				41				31	35
26	WHT	(7)		1201	67	1		J301	42	1	(4)		XM 29	36

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER C64891 ✱ SEE SH 2 & 3	5-17-67	
	B	SEE SHEET 2 FOR C-65110 A.C.S.	7-18-67	
	C	SEE SH 2 FOR C-65668 ✱	10-5-67	



NOTES:
1. ◯ DENOTES ITEM NO. OF L/M.
2. CONNECTOR NO. TO BE .187 HIGH, LOCATED AS SHOWN, MARKED WITH LUSTERLESS BLACK INK PER TT-I-558, COLOR NO. 37038 PER FED-STD-595, COVER WITH CLEAR VARNISH PER MIL-V-6894.

LIST OF MATERIAL SEE LM 4802-1161

SEE ENGINEERING RECORDS		
501	4802-1157-501	
DASH NO.	NEXT ASSEMBLY	USED ON
APPLICATION		

CONTRACT NO.

PREPARED BY	J. FEUDALE	DATE 10-4-66
CHECKED		
DRAFT. SUPV.	R Grant	10/10/66
DESIGN		10/4/66
APPROVED		11/20/66

Burroughs Corporation
DEFENSE AND SPACE GROUP
GREAT VALLEY LABORATORY • BOX 873 • MALVERN, PENNSYLVANIA

WIRE LIST
BACKPLANE TO MEMORY LOGIC UNIT

SIZE	CODE IDENT NO.	
C	08241	4802-1161

SCALE ____ SHEET 1 OF 3

DWG NO. 4802-1161 REV C

PRINTED IN U.S.A. AMERICA
RES 595 REV 12/64 NO. 177

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
26	RED	(7)		1203	38	1		J302	4	1	(4)		I 1	1
	BLK				39				3				1+	2
	RED				41				6				2	3
	BLK				40				5				2+	4
	RED				43				8				3	5
	BLK				42				7				3+	6
	RED				12				10				4	7
	BLK				13				9				4+	8
	RED				50				12				5	9
	BLK				14				11				5+	10
	RED				51				14				6	11
	BLK			1203	15				13				I 6+	12
	RED			1204	38				17				S1A	13
	BLK				39				18				1B	14
	RED				40				19				2A	15
	BLK				41				20				2B	16
	RED				42				21				3A	17
	BLK				43				22				3B	18
	RED				44				23				4A	19
	BLK				46				24				4B	20
	RED				47				25				5A	21
	BLK				48				26				5B	22
	RED				49				27				6A	23
26	BLK	(7)		1204	50	1		J302	28	1	(4)		S 6B	24
														25
														26
														27
														28
														29
														30
														31
														32
														33
														34
														35
														36

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER C64891 HF	5-11-67	RWDowell
	B	REVISED PER C-65110 ACS	7-18-67	Douglas Allo
	C	C-65668 *	10-5-67	

BDF 497

NOTES:

LIST OF MATERIAL SEE LM

SEE ENGINEERING RECORDS		
DASH NO.	NEXT ASSEMBLY	USED ON
APPLICATION		

CONTRACT NO.	
PREPARED BY	J. FEUDALE
DATE	10-4-66
CHECKED	
DRAFT. SUPV.	J Grant 10/10/66
DESIGN	10/6/66
APPROVED	10/20/66

Burroughs Corporation
DEFENSE AND SPACE GROUP
GREAT VALLEY LABORATORY • BOX 873 • MALVERN, PENNSYLVANIA

WIRE LIST
BACKPLANE TO MEMORY LOGIC UNIT

SIZE	CODE IDENT NO.	
C	08241	4802-1161

SCALE | SHEET 2

DWG NO. 4802-1161 REV 12 C1

PRINTED IN U.S.A. AMERICA
RES 595 REV 12/64 NO. 177

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES.	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
26	WHT	(7)		1201	35	1		J303	3	1	(4)		XMC1	1
				1201	34				4				XMC3	2
				1101	32				7				YMC4	3
				1101	33				8				YMC2	4
				1201	69				11				XM30	5
				1101	71				12				YM31	6
				1201	64				13				XM28	7
				1101	67				14				YM29	8
				1201	62				15				XM26	9
				1101	63				16				YM27	10
				1201	58				17				XM24	11
				1101	59				18				YM25	12
				1201	15				19				XM22	13
				1101	52				20				YM23	14
				1201	12				21				XM20	15
				1101	50				22				YM21	16
				1201	47				23				XM18	17
				1101	49				24				YM19	18
				1201	40				25				XM16	19
				1101	42				26				YM17	20
				1201	68				27				XM14	21
				1101	70				28				YM15	22
				1201	28				29				XM12	23
				1101	66				30				YM13	24
				1201	61				31				XM10	25
				1101	27				32				YM11	26
				1201	22				33				XM8	27
				1101	23				34				YM9	28
				1201	14				35				XM6	29
				1101	16				36				YM7	30
				1201	11				37				XM4	31
				1101	13				38				YM5	32
				1201	46				39				XM2	33
				1101	48				40				YM3	34
				1201	39				41				XM0	35
26	WHT	(7)		1101	41	1		J303	42	1	(4)		YM1	36

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER C-64891 ff	5-17-67	R Wilcox

NOTES:

LIST OF MATERIAL SEE LM

SEE ENGINEERING RECORDS

DASH NO.	NEXT ASSEMBLY	USED ON

APPLICATION

CONTRACT NO.

PREPARED BY J. FEUDALE — DATE 10-4-66

CHECKED

DRAFT. SUPV. — 10/6/66

DESIGN — 10/6/66

APPROVED — 10/20/66

Burroughs Corporation
DEFENSE AND SPACE GROUP
GREAT VALLEY LABORATORY • BOX 873 • MALVERN, PENNSYLVANIA

WIRE LIST
BACKPLANE TO MEMORY LOGIC UNIT

SIZE C | CODE IDENT NO. 08241 | 4802-1161

SCALE ____ | SHEET 3

DWG NO. 4802-1161 REV A

PRINTED IN U.S. AMERICA
RES 595 REV 12/64 NO.177

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71580	R	4802-1167	5

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
1	AARO -		121	1121-63	1		214	1214-31	1	028		9.91	
2	ACMD *-		120	1120-28	1		213	1213- 3	1	028		4.62	
3	ACR -		121	1121-23	1		122	1122-40	1	028		4.10	
4	ACR *-		121	1121-33	1		122	1122- 2	1	028		6.70	
5	ACVD *-		120	1120-30	1		213	1213-50	1	028		6. 7	
6	ACVU *-		119	1119-50	1		213	1213-21	1	028		10.31	
7	ADC *-		119	1119-64	1		122	1122-68	1	028		1.82	
8	ADOL -		121	1121-71	1		108	1108-34	1	028		6.50	
9	AFID -		121	1121-51	1		122	1122-48	1	028		1.10	
10	AKBD -		220	1220-22	2		222	1222-68	2	028		2.32	
11	AKBD -		222	1222-68	2		219	1219-69	1	028		1.70	
12	AKBD -		220	1220-22	2		112	1112-34	1	028		6.99	
13	AM -		212	1212-39	2		119	1119-69	2	028		4.22	
14	AM -		119	1119-69	2		121	1121-49	1	028		4.40	
15	AM -		212	1212-39	2		220	1220-66	1	028		7. 0	
16	AM *-		212	1212-38	1		117	1117-28	1	028		3.74	
17	ARQ -		210	1210-48	1		216	1216- 6	1	028		3.60	
18	ASH *-		122	1122-39	1		111	1111-42	2	028		5.74	
19	ASH *-		111	1111-42	2		211	1211-57	3	028		10.79	
20	ASH *-		211	1211-57	3		210	1210-28	1	028		1.70	
21	ASH *-		211	1211-57	3		219	1219-53	1	028		4.32	
22	ASTB -		121	1121-44	1		211	1211-47	1	028		10.39	
23	AXDR -		210	1210-40	1		105	1105-50	1	028		6.79	
24	BDEP -		207	1207-30	1		210	1210-46	1	028		4.52	
25	BRQ -		210	1210-42	1		216	1216-41	1	028		3.20	
26	BRTP *-		115	1115-15	1		207	1207-21	1	028		10.59	
27	BR1 *-		207	1207- 7	2		209	1208-10	1	028		1.10	
28	BR1 *-		207	1207- 7	2		110	1110-38	1	028		9.31	
29	BR2 *-		207	1207- 4	2		208	1208-16	1	028		2.90	
30	BR2 *-		207	1207- 4	2		110	1110-39	1	028		8.51	
31	BR3 *-		207	1207-23	1		208	1208-46	2	028		2.90	
32	BR3 *-		208	1208-46	2		110	1110-41	1	028		9.19	
33	BR4 *-		207	1207-24	1		208	1208-52	2	028		1.90	
34	BR4 *-		208	1208-52	2		110	1110-42	1	028		10.19	
35	BR5 *-		207	1207-34	1		208	1208- 7	2	028		5.90	
36	BR5 *-		208	1208- 7	2		110	1110-43	1	028		8.11	
37	BR6 *-		207	1207-33	1		208	1208-50	2	028		4.10	
38	BR6 *-		208	1208-50	2		111	1111-38	1	028		10.79	
39	BSE1 -		211	1211-15	1		208	1208-48	1	028		1.94	
40	CAP -		214	1214-52	2		213	1213-27	2	028		2.50	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71580	D	4802-1167	6

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
41	CAF -		213	1213-27	2		220	1220-35	1	028		4.14	
42	CAP -		214	1214-52	2		105	1105-25	1	028		7.71	
43	CCHD *-		213	1213-42	1		118	1118-46	1	028		7.99	
44	CCHP -		118	1118-35	1		213	1213-44	1	028		10.59	
45	CCHU *-		213	1213-43	1		118	1118-47	1	028		7.99	
46	CCVP -		213	1213-48	1		116	1116- 3	1	028		10.27	
47	CDRF -		105	1105-51	1		210	1210-25	1	028		10.87	
48	CFC -		112	1112-57	1		222	1222-71	1	028		12.59	
49	CFEL *-		119	1119-61	1		213	1213-40	1	028		4.79	
50	CHP02 -		118	1118- 3	1		120	1120-27	1	028		5.20	
51	CHP52 -		118	1118- 4	1		213	1213-22	1	028		12.39	
52	CTDA -		220	1220- 5	2		111	1111-33	2	028		5.38	
53	CTDA -		111	1111-33	2		119	1119-46	2	028		6.12	
54	CTDA -		119	1119-46	2		120	1120-10	1	028		0.70	
55	CTDA -		220	1220- 5	2		215	1215-69	1	028		6.68	
56	CTDA *-		220	1220-44	1		217	1217-46	2	028		1.90	
57	CTDA *-		217	1217-46	2		219	1219- 2	1	028		2. 8	
58	CLCP -		213	1213-64	3		220	1220-27	1	028		3.90	
59	CLCP -		213	1213-64	3		105	1105-27	1	028		9.51	
60	CLCP -		213	1213-64	3		215	1215-49	1	028		3.40	
61	CLCP *-		213	1213-28	2		211	1211-28	1	028		1. 0	
62	CLCP *-		213	1213-28	2		218	1218-46	2	028		4.52	
63	CLCP *-		218	1218-46	2		220	1220-60	1	028		3.20	
64	CLCPD *-		214	1214-22	1		215	1215-48	1	028		2.30	
65	CLK1 -		113	1113-26	1		114	1114-32	3	028		1.70	
66	CLK1 -		114	1114-32	3		112	1112-32	1	028		1. 0	
67	CLK1 -		114	1114-32	3		116	1116-35	3	028		1.24	
68	CLK1 -		116	1116-35	3		119	1119-26	2	028		2.40	
69	CLK1 -		119	1119-26	2		120	1120-59	2	028		0.90	
70	CLK1 -		120	1120-59	2		121	1121-57	2	028		0.90	
71	CLK1 -		116	1116-35	3		217	1217-43	2	028		2.49	
72	CLK1 -		217	1217-43	2		220	1220-43	2	028		1.50	
73	CLK1 -		121	1121-57	2		117	1117-12	2	028		2.52	
74	CLK1 -		117	1117-12	2		122	1122- 6	1	028		2.98	
75	CLK1 -		220	1220-43	2		218	1218-57	2	028		3.20	
76	CLK1 -		218	1218-57	2		219	1219-27	1	028		1.48	
77	CLK1 *-		113	1113-27	2		112	1112-66	2	028		0.94	
78	CLK1 *-		113	1113-27	2		115	1115-14	1	028		3. 0	
79	CLK1 *-		112	1112-66	2		211	1211-58	1	028		6.69	
80	CLK2 -		113	1113-32	2		215	1215-40	2	028		2.51	

Burroughs Corporation PROPRIETARY DATA - NOT FOR PUBLICATION D830 System

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TwA AGENT SET	4802-1181-501	070169	X-71580	R	4802-1167	7

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO.OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO.OF WIRES	TYPE	COLOR	LENGTH	
81	CLK2 -		215	1215-40	2		213	1213-47	2	028		1.80	
82	CLK2 -		213	1213-47	2		210	1210-58	2	028		2.80	
83	CLK2 -		210	1210-58	2		212	1212-64	2	028		1.60	
84	CLK2 -		212	1212-64	2		214	1214-24	1	028		1.52	
85	CLK2 -		113	1113-32	2		105	1105- 2	1	028		7.60	
86	CLK2 *-		113	1113-33	3		214	1214-70	2	028		8.29	
87	CLK2 *-		111	1111-43	1		113	1113-33	3	028		2.40	
88	CLK2 *-		118	1118-61	1		214	1214-70	2	028		11.99	
89	CLK2 *-		113	1113-33	3		215	1215-50	1	028		4.32	
90	CLR -		213	1213-34	1		212	1212- 5	3	028		6.30	
91	CLR -		212	1212- 5	3		110	1110-51	1	028		6.27	
92	CLR -		210	1210-71	1		212	1212- 5	3	028		4.88	
93	CLR *-		213	1213-33	2		218	1218-63	1	028		2.78	
94	CLR *-		213	1213-33	2		207	1207-15	2	028		4.80	
95	CLR *-		207	1207-15	2		116	1116-33	3	028		6.18	
96	CLR *-		116	1116-33	3		121	1121-21	1	028		3.46	
97	CLR *-		116	1116-33	3		105	1105- 4	1	028		8. 0	
98	CLRA -		213	1213-71	1		119	1119-60	2	028		11.19	
99	CLRA -		119	1119-60	2		120	1120- 2	1	028		4.68	
100	CLRA *-		213	1213-70	0		219	1219-14	1	028		5.28	
101	CLS *-		213	1213-49	1		214	1214-46	1	028		1.10	
102	CLST *-		213	1213-53	2		209	1209-32	1	028		3.72	
103	CLST *-		213	1213-53	2		111	1111-41	1	028		10.59	
104	CMA -		214	1214-32	1		106	1106- 4	1	028		14.99	
105	CMAR2 -		214	1214-21	1		106	1106-43	1	028		12.27	
106	CMAD *-		214	1214-26	1		106	1106- 2	1	028		14.19	
107	CMAU *-		214	1214-25	1		106	1106- 3	1	028		13.79	
108	CPC -		214	1214-39	1		117	1117- 5	1	028		8. 7	
109	CPCE -		118	1118-69	1		121	1121-68	2	028		1.70	
110	CPCF -		121	1121-68	2		120	1120-48	1	028		4.50	
111	CPCE *-		118	1118-70	1		121	1121-62	1	028		2.20	
112	CPFL *-		213	1213-32	1		209	1209-47	2	028		5. 8	
113	CPFL *-		209	1209-47	2		211	1211-38	2	028		2.20	
114	CPFL *-		211	1211-38	2		215	1215- 3	2	028		2.40	
115	CPFL *-		215	1215- 3	2		115	1115-57	2	028		4.39	
116	CPFL *-		115	1115-57	2		111	1111-39	1	028		4.40	
117	CR -		108	1108-35	1		116	1116-64	1	028		4.36	
118	CPCC *-		213	1213-39	1		217	1217-52	1	028		6.92	
119	CPEL *-		119	1119-44	1		212	1212-48	1	028		9.99	
120	CRR *-		116	1116- 6	1		121	1121-47	1	028		2.54	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71580	B	4802-1167	8

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
121	CS * -		214	1214-51	1		213	1213-67	1	028		3.70	
122	CVD -		213	1213-61	1		116	1116-60	1	028		8.59	
123	CVPC -		214	1214-33	1		117	1117- 6	1	028		13.79	
124	CVU -		213	1213-62	1		116	1116-59	1	028		8.99	
125	CON -		222	1222-66	2		220	1220-25	2	028		1.32	
126	CON -		222	1222-66	2		221	1221-71	1	028		1.50	
127	CON -		220	1220-25	2		217	1217-57	2	028		2. 2	
128	CON -		217	1217-57	2		111	1111-44	1	028		11.59	
129	CONI -		220	1220-58	1		120	1120-47	2	028		9.99	
130	CONI -		120	1120-47	2		119	1119-10	1	028		0.50	
131	DACK * -		121	1121-66	1		122	1122-25	1	028		1.28	
132	DCLR * -		215	1215- 2	1		213	1213-66	1	028		6. 8	
133	DCMA * -		122	1122-59	1		214	1214- 3	1	028		5.32	
134	DCPC -		121	1121-46	1		214	1214-40	1	028		7.99	
135	DCV * -		120	1120-70	1		213	1213-41	1	028		4.30	
136	DFL -		108	1108-48	1		121	1121-40	1	028		8.74	
137	DFL * -		108	1108-27	1		122	1122-62	1	028		7. 0	
138	DEND -		121	1121-58	2		122	1122-60	2	028		0.90	
139	DEND -		121	1121-58	2		117	1117-42	1	028		4. 0	
140	DEND -		122	1122-60	2		214	1214-43	2	028		5.99	
141	DEND -		214	1214-43	2		214	1214-69	1	028		5.20	
142	DEP -		212	1212-40	2		211	1211- 7	2	028		0.90	
143	DEP -		211	1211- 7	2		214	1214-67	1	028		5.32	
144	DEP -		212	1212-40	2		105	1105-46	1	028		7.99	
145	DEOF -		212	1212-42	2		210	1210-16	2	028		2.32	
146	DEOF -		120	1120-26	2		119	1119-52	3	028		2.28	
147	DEOF -		119	1119-52	3		121	1121-48	1	028		1.32	
148	DEOF -		119	1119-52	3		114	1114- 5	2	028		3.18	
149	DEOF -		210	1210-16	2		211	1211-69	1	028		3.70	
150	DEOF -		114	1114- 5	2		105	1105- 7	2	028		4.90	
151	DEOF -		105	1105- 7	2		105	1105-49	1	028		1.40	
152	DEOF -		120	1120-26	2		212	1212-42	2	028		5.72	
153	DEOF * -		212	1212- 4	2		211	1211-33	1	028		6.30	
154	DEOF * -		114	1114-67	1		212	1212- 4	2	028		4.71	
155	DEOL -		212	1212-41	2		211	1211-64	1	028		5.10	
156	DEOL -		212	1212-41	2		119	1119-58	2	028		5.79	
157	DEOL -		119	1119-58	2		120	1120-13	1	028		2. 6	
158	DEID -		212	1212-40	1		213	1213-58	2	028		0.90	
159	DEID -		213	1213-58	2		209	1209- 6	2	028		3.92	
160	DEID -		209	1209- 6	2		121	1121-22	1	028		7.84	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71590	R	4802-1157	9

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
161	DFID *-		121	1121-14	2		122	1122-38	1	028		2.70	
162	DFID *-		121	1121-14	2		117	1117-64	1	028		3.68	
163	DTCR *-		119	1119-13	1		120	1120-34	1	028		4.70	
164	DTFID *-		217	1217- 3	1		219	1219- 7	2	028		1.32	
165	DTFID *-		219	1219- 7	2		220	1220-50	2	028		1.70	
166	DTFID *-		118	1118-23	1		220	1220-50	2	028		6.31	
167	DTP -		122	1122-30	2		220	1220-24	2	028		6.99	
168	DTF -		220	1220-24	2		214	1214-68	1	028		3.84	
169	DTP -		122	1122-30	2		108	1108-33	2	028		7.24	
170	DTP -		108	1108-33	2		105	1105- 8	1	028		5.60	
171	DTP *-		122	1122-47	1		120	1120-52	3	028		1.40	
172	DTP *-		120	1120-52	3		115	1115-50	1	028		2.90	
173	DTP *-		120	1120-52	3		119	1119-67	1	028		3.50	
174	DTR -		122	1122-52	1		121	1121-38	1	028		3.30	
175	DMR -		110	1110-58	2		121	1121-15	2	028		6.26	
176	DMR -		110	1110-58	2		212	1212-16	1	028		7. 8	
177	DMR -		121	1121-15	2		122	1122-33	1	028		4.10	
178	DRRA -		212	1212-67	1		211	1211-39	2	028		6.10	
179	DRRA -		211	1211-39	2		122	1122-22	1	028		7.30	
180	DSRD *-		122	1122-70	1		212	1212-52	1	028		6.68	
181	DSR1 -		108	1108- 3	1		110	1110- 8	3	028		1.40	
182	DSR1 -		110	1110- 8	3		119	1119- 8	1	028		4.50	
183	DSR1 -		110	1110- 8	3		207	1207-38	2	028		7.27	
184	DSR1 -		207	1207-38	2		209	1209-41	1	028		1.24	
185	DSR1 *-		108	1108-51	2		209	1209- 4	3	028		5.87	
186	DSR1 *-		209	1209- 4	3		208	1208- 8	1	028		1.30	
187	DSR1 *-		209	1209- 4	3		212	1212-12	1	028		2.20	
188	DSR1 *-		108	1108-51	2		119	1119-22	1	028		6.26	
189	DSR2 -		108	1108- 4	1		110	1110-10	2	028		1.60	
190	DSR2 -		110	1110-10	2		209	1209- 5	3	028		7.29	
191	DSR2 -		209	1209- 5	3		207	1207-41	1	028		1.20	
192	DSR2 -		209	1209- 5	3		212	1212-59	1	028		4.12	
193	DSR2 *-		108	1108-48	1		209	1209-43	3	028		7.29	
194	DSR2 *-		209	1209-43	3		212	1212-44	1	028		1.70	
195	DSR2 *-		209	1209-43	3		208	1208-14	1	028		1.70	
196	DSR3 -		108	1108-61	2		110	1110-11	2	028		3.28	
197	DSR3 -		108	1108-61	2		207	1207-47	2	028		5.49	
198	DSR3 -		207	1207-47	2		209	1209-13	2	028		1.60	
199	DSR3 -		209	1209-13	2		212	1212-49	1	028		1.30	
200	DSR3 -		110	1110-11	2		119	1119-27	1	028		5.78	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71580	R	4802-1167	10

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
201	DSR3 *-		108	1108-47	2		119	1119-43	2	028		5.82	
202	DSR3 *-		108	1108-47	2		208	1208-47	2	028		7.79	
203	DSR3 *-		208	1208-47	2		209	1209-50	2	028		1.10	
204	DSR3 *-		209	1209-50	2		212	1212- 8	1	028		2.18	
205	DSR3 *-		119	1119-43	2		121	1121- 4	1	028		1.44	
206	DSR4 -		108	1108-62	2		209	1209-39	3	028		3.69	
207	DSR4 -		209	1209-39	3		212	1212- 3	1	028		1.70	
208	DSR4 -		108	1108-62	2		110	1110-44	1	028		4. 0	
209	DSR4 -		209	1209-39	3		207	1207-61	1	028		4.80	
210	DSR4 *-		108	1108-49	1		209	1209- 2	2	028		5.87	
211	DSR4 *-		209	1209- 2	2		208	1208-51	1	028		2.88	
212	DSR5 -		207	1207-62	2		212	1212-61	1	028		2.70	
213	DSR5 -		108	1108-31	2		110	1110-46	1	028		4.52	
214	DSR5 -		108	1108-31	2		207	1207-62	2	028		7. 7	
215	DSR5 *-		108	1108-50	3		212	1212-43	1	028		7.19	
216	DSR5 *-		108	1108-50	3		208	1208-44	1	028		13.99	
217	DSR5 *-		108	1108-50	3		220	1220-14	1	028		10.27	
218	DSR6 -		108	1108-30	2		110	1110-47	1	028		4.12	
219	DSR6 -		108	1108-30	2		212	1212-46	2	028		4.51	
220	DSR6 -		212	1212-46	2		207	1207-68	1	028		5.40	
221	DSR6 *-		108	1108-16	1		212	1212- 2	2	028		5.79	
222	DSR6 *-		212	1212- 2	2		208	1208-49	1	028		3. 8	
223	DST *-		122	1122-28	1		211	1211-35	1	028		11.39	
224	DSWT *-		122	1122-32	1		114	1114-27	2	028		4.40	
225	DSWT *-		114	1114-27	2		212	1212-57	1	028		7. 7	
226	DTMRDR*-		122	1122-69	1		114	1114-25	1	028		4.44	
227	DTSA *-		122	1122-35	1		115	1115-61	1	028		4.50	
228	EAN -		222	1222-30	1		222	1222-63	2	028		0.80	
229	EAN -		222	1222-63	2		221	1221-10	2	028		3.70	
230	EAN -		221	1221-10	2		111	1111-11	1	028		9.59	
231	EC1 -		222	1222-57	2		217	1217-67	1	028		3.30	
232	EC1 -		222	1222-57	2		111	1111-46	1	028		12.19	
233	EC2 -		222	1222-58	2		217	1217-33	1	028		3.18	
234	EC2 -		222	1222-58	2		111	1111-47	1	028		12.19	
235	EC3 -		222	1222-59	2		217	1217-28	1	028		2.70	
236	EC3 -		222	1222-59	2		111	1111-12	1	028		12.11	
237	EC4 -		222	1222- 2	2		217	1217-64	1	028		6.28	
238	EC4 -		222	1222- 2	2		111	1111-13	1	028		7.79	
239	EC5 -		222	1222-11	2		217	1217-30	1	028		4.80	
240	EC5 -		222	1222-11	2		111	1111-14	1	028		9.39	

Burroughs Corporation PROPRIETARY DATA - NOT FOR PUBLICATION D830 System

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71580	B	4802-1157	11

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
241	EC6 -		222	1222-40	2		217	1217-61	1	028		5.20	
242	EC6 -		222	1222-40	2		111	1111-48	1	028		8.39	
243	EFID -		222	1222-32	1		222	1222-31	2	028		0.20	
244	EFID -		222	1222-31	2		219	1219-49	3	028		4.28	
245	EFID -		219	1219-49	3		217	1217-49	1	028		1. 0	
246	EFID -		219	1219-49	3		221	1221-43	2	028		1.60	
247	EFID -		221	1221-43	2		111	1111-10	1	028		9.11	
248	EFL -		118	1118-60	1		220	1220-53	1	028		6.79	
249	EFSP -		107	1107-32	1		119	1119-24	1	028		6.64	
250	EFSP *-		119	1119-30	3		105	1105-44	1	028		8.96	
251	EFSP *-		119	1119-30	3		220	1220-15	1	028		5.29	
252	EFSP *-		107	1107-67	1		119	1119-30	3	028		6.76	
253	EFUN -		222	1222-28	2		222	1222-27	2	028		0.20	
254	EFUN -		222	1222-27	2		220	1220-59	2	028		1.52	
255	EFUN -		222	1222-28	2		221	1221-35	1	028		1.90	
256	EFUN -		111	1111- 8	1		220	1220-59	2	028		12.51	
257	EFUN *-		217	1217-50	1		222	1222-56	1	028		2.98	
258	ELC -		112	1112-51	1		217	1217- 4	1	028		6.67	
259	ELS0 -		222	1222-17	1		221	1221-66	1	028		2.88	
260	ELS1 -		222	1222-13	1		221	1221-27	2	028		3.30	
261	ELS1 -		221	1221-27	2		214	1214-28	1	028		3.70	
262	ELS2 -		222	1222-12	1		221	1221-26	1	028		3.30	
263	ELS3 -		222	1222-14	1		221	1221- 7	1	028		1.90	
264	ELS4 -		222	1222-42	1		221	1221-24	1	028		0.70	
265	ELS5 -		222	1222-41	1		221	1221-22	1	028		0.90	
266	ELS6 -		222	1222-40	1		221	1221-17	1	028		1.70	
267	ELS7 -		222	1222-23	1		221	1221-40	2	028		4. 8	
268	ELS7 -		221	1221-40	2		214	1214-13	1	028		4. 2	
269	EMS0 -		222	1222-16	1		221	1221-44	1	028		1.88	
270	EMS1 -		222	1222-15	1		221	1221- 8	1	028		1.90	
271	EMS2 -		222	1222-50	1		221	1221-58	1	028		2.10	
272	EMS3 -		222	1222-48	1		221	1221-13	1	028		0.50	
273	EMS4 -		222	1222-49	1		221	1221-50	1	028		0.70	
274	EMS5 -		222	1222-51	1		221	1221-38	1	028		3.10	
275	EMS6 -		222	1222-46	1		221	1221- 6	1	028		1.10	
276	EMS7 -		222	1222-47	1		221	1221-42	1	028		1.50	
277	END0 -		119	1119-32	1		121	1121- 2	1	028		6.40	
278	END8 *-		114	1114-47	1		122	1122-66	1	028		5.52	
279	EN1 -		210	1210-57	1		211	1211-49	3	028		2.10	
280	EN1 -		211	1211-49	3		208	1208-11	1	028		1.70	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71580	R	4802-1167	12

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
281	EN1 -		211	1211-49	3		111	1111-64	1	028		4.79	
282	EN2 -		210	1210-49	1		208	1208-12	2	028		4.52	
283	EN2 -		208	1208-12	2		111	1111-23	1	028		5.19	
284	EN3 -		210	1210-68	1		208	1208-21	2	028		2.52	
285	EN3 -		208	1208-21	2		111	1111-24	1	028		7.79	
286	EPCR *-		211	1211-67	1		122	1122-31	1	028		10.7	
287	ESP -		219	1219-22	1		112	1112-33	1	028		5.99	
288	ESS *-		219	1219-23	1		217	1217-40	1	028		4.28	
289	EOC -		112	1112-52	1		122	1122-49	2	028		5.24	
290	EOC -		122	1122-49	2		121	1121-27	1	028		3.10	
291	EOCA -		121	1121-52	1		116	1116-62	1	028		3.30	
292	EOCT -		122	1122-46	1		112	1112-71	1	028		7.0	
293	EOF -		118	1118-34	1		218	1218-67	1	028		7.39	
294	EOL -		121	1121-35	1		119	1119-70	3	028		1.40	
295	EOL -		119	1119-70	3		214	1214- 4	1	028		3.2	
296	EOL -		119	1119-70	3		119	1119- 6	1	028		5.80	
297	EOL *-		121	1121-34	1		120	1120-22	1	028		2.90	
298	EOLD -		108	1108-70	1		121	1121- 5	1	028		9.2	
299	EOM -		218	1218-48	3		220	1220-62	2	028		3.20	
300	EOM -		218	1218-48	3		119	1119-53	1	028		7.29	
301	EOM -		214	1214-64	1		218	1218-48	3	028		2.64	
302	EOM -		220	1220-52	1		220	1220-62	2	028		2.0	
303	EOMS -		218	1218-52	1		209	1209-48	1	028		4.82	
304	EOP *-		105	1105-64	1		120	1120-58	3	028		7.98	
305	EOP *-		120	1120-58	3		119	1119-49	1	028		2.30	
306	EOP *-		120	1120-58	3		222	1222-69	1	028		10.39	
307	EOT -		112	1112-50	1		110	1110-68	2	028		4.0	
308	EOT -		110	1110-68	2		217	1217- 6	2	028		4.74	
309	EOT -		217	1217- 6	2		219	1219-47	1	028		1.32	
310	EOT *-		221	1221-70	1		120	1120-57	2	028		10.89	
311	EOT *-		120	1120-57	2		112	1112-49	2	028		4.64	
312	EOT *-		112	1112-49	2		105	1105-58	1	028		4.22	
313	ET -		221	1221- 4	1		105	1105-63	1	028		9.48	
314	FCCH *-		119	1119- 7	1		213	1213- 2	1	028		7.99	
315	FTDF *-		219	1219- 6	1		218	1218-14	1	028		2.10	
316	FTSC -		211	1211-10	2		213	1213-35	1	028		5.40	
317	FTSC -		211	1211-10	2		115	1115- 2	1	028		10.19	
318	FT1 -		221	1221- 5	1		105	1105-26	1	028		9.44	
319	FLRID -		211	1211-23	1		219	1219-51	1	028		2.88	
320	FTL *		120	1120-31	1		121	1121-26	1	028		1.10	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71590	B	4802-1167	13

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
321	FUNL -		220	1220-33	1		211	1211-12	2	028		6.18	
322	FUNL -		211	1211-12	2		210	1210- 7	1	028		1.50	
323	FUNL *-		220	1220-34	1		215	1215-43	2	028		6.48	
324	FUNL *-		215	1215-43	2		105	1105-41	1	028		10.19	
325	FUN4 -		214	1214-60	2		214	1214-62	1	028		0.40	
326	FUN4 -		214	1214-60	2		221	1221-63	1	028		3.90	
327	GFPF *-		115	1115-21	1		209	1209-25	1	028		9.79	
328	GFID -		115	1115-42	1		209	1209-58	1	028		12.19	
329	GPCR *-		122	1122-50	1		214	1214-44	2	028		8.19	
330	GPCR *-		214	1214-44	2		213	1213-10	1	028		0.70	
331	GRD -		215	1215- 1	1		215	1215- 4	1	028		0.60	
332	GRD1119-		119	1119- 1	1		119	1119-68	1	028		6.40	
333	GRXMT -		219	1219-35	1		210	1210-50	1	028		6.38	
334	GRXMT *-		210	1210-10	1		218	1218-12	1	028		4.40	
335	HCPY -		119	1119-66	1		110	1110-31	2	028		4.50	
336	HCPY -		110	1110-31	2		209	1209-22	1	028		6.49	
337	HPCE -		118	1118-68	1		110	1110-32	1	028		3.80	
338	HP1 -		117	1117- 8	2		110	1110-12	1	028		3.82	
339	HP1 -		117	1117- 8	2		118	1118-64	1	028		4.30	
340	HP1 *-		117	1117-11	1		118	1118-27	1	028		3.70	
341	HP2 -		117	1117-44	2		110	1110-13	2	028		3.70	
342	HP2 -		110	1110-13	2		105	1105- 3	1	028		3.30	
343	HP2 -		117	1117-44	2		118	1118-26	1	028		3.88	
344	HP2 *-		117	1117-47	1		118	1118-28	1	028		3.68	
345	HP3 -		117	1117-49	2		118	1118-22	1	028		2. 8	
346	HP3 -		117	1117-49	2		110	1110-14	1	028		3.50	
347	HP3 *-		117	1117-16	1		118	1118-21	1	028		1.50	
348	HP4 -		117	1117-13	2		110	1110-48	1	028		3.90	
349	HP4 -		117	1117-13	2		118	1118-57	1	028		0.30	
350	HP4 *-		117	1117-52	1		118	1118-58	1	028		0.90	
351	HP5 -		117	1117-21	2		118	1118-66	1	028		2.10	
352	HP5 -		117	1117-21	2		110	1110-49	2	028		4.34	
353	HP5 -		110	1110-49	2		105	1105-33	1	028		4.92	
354	HP5 *-		117	1117-23	1		118	1118-67	1	028		1.90	
355	HP52 -		117	1117-60	2		116	1116-66	2	028		1.70	
356	HP52 -		117	1117-60	2		121	1121-60	1	028		2. 0	
357	HP52 -		116	1116-66	2		105	1105-42	1	028		7.42	
358	HP52 *-		117	1117-24	1		119	1119-48	1	028		2.72	
359	HP6 -		117	1117-57	2		110	1110-50	2	028		4. 6	
360	HP6 -		110	1110-50	2		105	1105-38	1	028		3.46	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71580	R	4802-1157	14

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
361	HP6 -		117	1117-57	2		118	1118-62	1	028		1.10	
362	HP6 *-		117	1117-59	1		118	1118-63	1	028		1.30	
363	IP1 -		217	1217-70	1		215	1215-34	1	028		0.80	
364	IP2 -		217	1217-68	1		215	1215-35	1	028		1. 4	
365	IP3 -		217	1217-27	1		215	1215-67	1	028		1.52	
366	IP4 -		217	1217-42	1		215	1215-68	1	028		1.60	
367	IP5 -		217	1217-66	1		215	1215-23	1	028		1.72	
368	IP6 -		217	1217-63	1		215	1215-60	1	028		1.24	
369	ICCP *-		114	1114-64	1		213	1213- 8	1	028		4. 9	
370	ICP *-		120	1120-35	1		213	1213-59	1	028		6.87	
371	IC1T1 *-		114	1114-69	1		214	1214-11	1	028		3.59	
372	IC1T7 *-		114	1114-62	2		115	1115-16	1	028		2.28	
373	IC1T7 *-		114	1114-62	2		217	1217-34	1	028		10. 7	
374	IC2T1 *-		114	1114-52	1		214	1214-12	2	028		7.19	
375	IC2T1 *-		214	1214-12	2		210	1210-30	1	028		4.40	
376	IC2T2 *-		114	1114-58	1		115	1115-60	1	028		0.90	
377	IC2T7 *-		114	1114-23	1		115	1115-58	1	028		0.50	
378	IDEDR -		209	1209-14	1		211	1211-24	1	028		2.40	
379	IDA -		220	1220-26	2		211	1211-34	1	028		5.14	
380	IDA -		220	1220-26	2		121	1121-25	1	028		8.49	
381	IDEDR -		209	1209-42	1		211	1211-43	1	028		1.20	
382	ID1 -		108	1108-43	1		207	1207-39	2	028		14.49	
383	ID1 -		207	1207-39	2		209	1209-68	2	028		1.72	
384	ID1 -		209	1209-68	2		217	1217-14	1	028		5.64	
385	ID11 *-		215	1215-27	1		120	1120-40	2	028		13.31	
386	ID11 *-		120	1120-40	2		119	1119-39	1	028		0.70	
387	ID11A -		215	1215-28	1		211	1211- 3	2	028		5.80	
388	ID11A -		211	1211- 3	2		119	1119- 4	2	028		9.19	
389	ID11A -		119	1119- 4	2		120	1120-39	1	028		0.50	
390	ID11B -		215	1215-30	1		209	1209-40	2	028		6.48	
391	ID11B -		209	1209-40	2		111	1111-71	1	028		1.99	
392	ID12 *-		215	1215-33	1		120	1120- 4	2	028		14.59	
393	ID12 *-		120	1120- 4	2		119	1119- 3	1	028		0.70	
394	ID12A -		215	1215-64	1		211	1211- 4	2	028		5.52	
395	ID12A -		211	1211- 4	2		120	1120-42	2	028		9.11	
396	ID12A -		120	1120-42	2		119	1119-40	1	028		0.90	
397	ID12B -		215	1215-31	1		209	1209-44	2	028		5.88	
398	ID12B -		209	1209-44	2		111	1111-30	1	028		3.87	
399	ID13 *-		215	1215-43	1		120	1120- 8	1	028		12.67	
400	ID13A -		215	1215-62	1		211	1211- 6	2	028		4.72	

Burroughs Corporation PROPRIETARY DATA - NOT FOR PUBLICATION D830 System

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71580	R	4802-1167	15

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO.OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO.OF WIRES	TYPE	COLOR	LENGTH	
401	ID13A -		211	1211- 6	2		111	1111-31	2	028		2.79	
402	ID13A -		111	1111-31	2		120	1120-46	0	028		5.98	
403	ID13B -		215	1215-61	1		209	1209-49	1	028		3.96	
404	ID14 -		215	1215-25	1		211	1211- 5	2	028		4.80	
405	ID14 -		211	1211- 5	2		209	1209-38	2	028		1.44	
406	ID14 -		209	1209-38	2		111	1111-32	2	028		2.27	
407	ID14 -		111	1111-32	2		120	1120-68	2	028		4.30	
408	ID14 -		120	1120-68	2		119	1119-11	1	028		4.50	
409	ID15 -		215	1215-66	2		209	1209-34	1	028		3.12	
410	ID15 -		215	1215-66	2		111	1111-66	2	028		8.59	
411	ID15 -		111	1111-66	2		107	1107-63	1	028		2.24	
412	ID16 -		111	1111-67	1		215	1215-57	2	028		4.99	
413	ID16 -		209	1209-71	1		215	1215-57	2	028		5.60	
414	ID2 -		209	1209-17	2		207	1207-42	2	028		2.68	
415	ID2 -		207	1207-42	2		108	1108-42	1	028		8.29	
416	ID2 -		209	1209-17	2		217	1217- 2	1	028		5.20	
417	ID21 -		215	1215-10	2		111	1111-68	1	028		4.27	
418	ID21 -		215	1215-10	2		209	1209-31	1	028		5.40	
419	ID22 -		215	1215-11	2		209	1209-26	1	028		4.20	
420	ID22 -		215	1215-11	2		111	1111-15	1	028		7.79	
421	ID23 -		215	1215-12	2		209	1209-21	1	028		3.72	
422	ID23 -		215	1215-12	2		111	1111-16	1	028		7.79	
423	ID24 -		215	1215- 8	2		209	1209-62	1	028		4.88	
424	ID24 -		215	1215- 8	2		111	1111-17	1	028		6.79	
425	ID25 -		215	1215-44	2		111	1111-26	1	028		4.91	
426	ID25 -		215	1215-44	2		209	1209-67	1	028		5.80	
427	ID26 -		215	1215- 7	2		111	1111-27	1	028		4.59	
428	ID26 -		215	1215- 7	2		209	1209-69	1	028		6.48	
429	ID3 -		209	1209-60	1		207	1207-48	2	028		2.80	
430	ID3 -		207	1207-48	2		108	1108-44	2	028		9. 9	
431	ID3 -		108	1108-44	2		114	1114-41	1	028		7.88	
432	ID3 *-		114	1114- 6	1		217	1217-13	1	028		9.79	
433	ID4 -		209	1209-56	3		207	1207-60	0	028		1.32	
434	ID4 -		209	1209-56	3		108	1108- 8	1	028		10.49	
435	ID4 -		209	1209-56	3		217	1217-12	1	028		4.84	
436	ID5 -		209	1209-61	2		207	1207-63	1	028		1.40	
437	ID5 -		209	1209-61	2		108	1108-57	2	028		9. 9	
438	ID5 -		108	1108-57	2		114	1114-42	1	028		5.48	
439	ID5 *-		114	1114- 7	1		217	1217-11	1	028		9.19	
440	ID6 -		209	1209-24	3		207	1207-69	1	028		2.28	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71580	B	4802-1167	16

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
441	I06 -		209	1209-24	3		108	1108-22	1	028		8.69	
442	I06 -		209	1209-24	3		217	1217-10	1	028		5.12	
443	IFIT1 *-		115	1115-22	1		214	1214- 8	1	028		5.49	
444	IFIT2 *-		115	1115-24	1		213	1213- 5	1	028		4.39	
445	IFIT3 *-		115	1115- 4	1		114	1114-35	1	028		6.70	
446	IFIT4 *-		115	1115- 6	1		114	1114-34	2	028		6.10	
447	IFIT4 *-		114	1114-34	2		214	1214- 5	2	028		1.99	
448	IFIT4 *-		214	1214- 5	2		213	1213-31	2	028		5.70	
449	IFIT4 *-		213	1213-31	2		210	1210-31	2	028		1.50	
450	IFIT4 *-		210	1210-31	2		209	1209-35	1	028		1.30	
451	IHD -		213	1213-69	2		210	1210-64	1	028		1.90	
452	IHD -		213	1213-69	2		219	1219-62	1	028		3.56	
453	IYRF -		111	1111- 6	1		218	1218-23	1	028		12.60	
454	INSERT -		120	1120-32	2		212	1212-63	1	028		8.47	
455	INSERT -		119	1119-35	1		120	1120-32	2	028		1.10	
456	INSERT*-		120	1120-69	1		116	1116- 4	1	028		6.52	
457	IPE *-		218	1218-61	1		217	1217-39	1	028		4.90	
458	IPNA *-		214	1214-35	1		218	1218-50	1	028		4.92	
459	IRF -		217	1217-25	1		218	1218-42	2	028		4.10	
460	IRF -		218	1218-42	2		110	1110-52	1	028		7.39	
461	IR7 -		217	1217-22	1		218	1218-49	1	028		2.10	
462	ISA *-		105	1105-62	1		211	1211-60	1	028		8.59	
463	ISF -		219	1219-42	1		220	1220-42	1	028		0.50	
464	ISFA -		215	1215-32	1		219	1219-39	2	028		6.52	
465	ISFA -		219	1219-39	2		111	1111-70	1	028		4.64	
466	KRL -		220	1220-68	1		211	1211-63	2	028		4.90	
467	KRL -		211	1211-63	2		208	1208- 2	2	028		5.52	
468	KRL -		208	1208- 2	2		111	1111-34	2	028		2. 6	
469	KRL -		111	1111-34	2		219	1219-38	1	028		4.36	
470	KRL *-		220	1220-69	1		219	1219- 5	3	028		5.90	
471	KRL *-		217	1217-15	1		219	1219- 5	3	028		2.40	
472	KRL *-			1211-41	1		219	1219- 5	3	028		4.20	
473	KTC1 *-		211	1211-26	1		114	1114-46	1	028		11.51	
474	KTC1 *-		211	1211-61	1		114	1114- 4	1	028		12.67	
475	LCMP *-		121	1121-24	1		120	1120-21	1	028		1.10	
476	LCR -		120	1120-51	1		221	1221- 2	1	028		7. 7	
477	LD -		220	1220-64	1		211	1211-17	1	028		5.18	
478	LTCR *-		120	1120-38	1		114	1114-28	2	028		6.32	
479	LTCR *-		114	1114-28	2		212	1212-47	1	028		4.87	
480	LT41 *-		105	1105-30	1		119	1119-71	1	028		7.20	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71580	B	4802-1167	17

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
481	LNPF -		218	1218-43	1		105	1105-71	1	028		7.38	
482	LPF1 -		105	1105-67	1		110	1110-30	2	028		2.90	
483	LPF1 -		110	1110-30	2		221	1221-39	2	028		6.26	
484	LPF1 -		221	1221-39	2		222	1222-70	1	028		6.70	
485	LRIDR -		211	1211-25	2		210	1210- 8	0	028		3.90	
486	LRIDR -		220	1220-38	2		120	1120-33	1	028		1.79	
487	LRIDR -		211	1211-25	2		220	1220-38	2	028		6.32	
488	LRIDR *-		211	1211-59	1		220	1220-12	1	028		4.94	
489	LS0 -		107	1107-69	1		106	1106-58	1	028		2.70	
490	LS1 -		107	1107-35	1		106	1106-57	1	028		3. 8	
491	LOADA -		218	1218- 2	2		217	1217- 7	1	028		1.50	
492	LOADA -		218	1218- 2	2		119	1119-63	1	028		3. 9	
493	LOADB -		218	1218-39	2		217	1217- 8	1	028		1.30	
494	LOADB -		218	1218-39	2		119	1119-62	1	028		3.69	
495	MAXA -		107	1107-34	2		119	1119-34	1	028		6. 0	
496	MAXA -		107	1107-34	2		210	1210-32	2	028		7.99	
497	MAXA -		210	1210-32	2		213	1213-30	2	028		1.90	
498	MAXA -		213	1213-30	2		214	1214-66	2	028		0.30	
499	MAXA -		214	1214-66	2		218	1218-70	1	028		2.32	
500	MAXA *-		107	1107-42	1		115	1115- 5	1	028		5.24	
501	MA1 -		106	1106-49	1		107	1107-43	2	028		1.70	
502	MA1 -		107	1107-43	2		110	1110-15	1	028		2.34	
503	MA1 *-		106	1106-64	1		107	1107-13	1	028		3.28	
504	MA10 -		106	1106-34	1		110	1110-23	2	028		3. 0	
505	MA10 -		110	1110-23	2		107	1107-50	1	028		2.48	
506	MA10 *-		106	1106-35	1		107	1107-47	1	028		5.10	
507	MA2 -		106	1106-48	2		107	1107-38	1	028		2.50	
508	MA2 -		106	1106-48	2		110	1110-16	1	028		2.52	
509	MA2 *-		106	1106-47	1		107	1107-57	1	028		2.50	
510	MA3 -		106	1106-15	2		107	1107-41	1	028		2.30	
511	MA3 -		106	1106-15	2		110	1110-17	2	028		2.40	
512	MA3 -		110	1110-17	2		210	1210-66	1	028		10.59	
513	MA3 *-		106	1106-16	1		107	1107-30	1	028		3.30	
514	MA4 -		106	1106-50	1		107	1107-26	2	028		2.68	
515	MA4 -		107	1107-26	2		110	1110-26	1	028		1.50	
516	MA4 *-		106	1106-14	1		107	1107-28	1	028		3.30	
517	MA5 -		106	1106-24	1		107	1107-25	2	028		0.70	
518	MA5 -		107	1107-25	2		110	1110-27	1	028		1.90	
519	MA5 *-		106	1106-17	1		107	1107-27	1	028		2.50	
520	MA6 -		106	1106-23	2		107	1107-14	1	028		2.30	

Burroughs Corporation PROPRIETARY DATA - NOT FOR PUBLICATION D830 System

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71580	B	4802-1167	18

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
521	MA6 -		106	1106-23	2		110	1110-28	1	028		2.40	
522	MA6 *-		106	1106-25	1		107	1107-24	1	028		0.70	
523	MA7 -		106	1106-27	2		110	1110-62	1	028		2. 0	
524	MA7 -		106	1106-27	2		107	1107-42	1	028		4.50	
525	MA7 *-		106	1106-26	1		107	1107-61	1	028		0.50	
526	MA769 -		107	1107-71	1		105	1105-10	1	028		5.32	
527	MA8 -		106	1106-31	1		107	1107-60	2	028		1.70	
528	MA8 -		107	1107-60	2		110	1110-63	1	028		1.74	
529	MA8 *-		106	1106-42	1		107	1107-39	1	028		5.10	
530	MA869 -		107	1107-70	1		105	1105- 6	1	028		5.92	
531	MA9 -		106	1106-32	1		110	1110-64	2	028		2.12	
532	MA9 -		110	1110-44	2		107	1107-51	1	028		3.20	
533	MA9 *-		106	1106-33	1		107	1107-49	1	028		4.30	
534	MA920 -		107	1107-68	1		105	1105-61	1	028		1.80	
535	MCLR -		213	1213-46	2		211	1211-21	1	028		2.52	
536	MCLR -		213	1213-46	2		122	1122-67	1	028		5.94	
537	MCY -		212	1212-10	1		214	1214-48	1	028		1.20	
538	MEMT -		114	1114-59	1		212	1212- 7	1	028		4.91	
539	MEMT *-		114	1114-21	3		114	1114-63	1	028		1.40	
540	MEMT *-		114	1114-21	3		111	1111- 4	2	028		4. 0	
541	MEMT *-		105	1105-28	1		111	1111- 4	2	028		6. 0	
542	MEMT *-		114	1114-21	3		122	1122-15	2	028		4.48	
543	MEMT *-		121	1121-31	1		122	1122-15	2	028		3.70	
544	MTB1 -		208	1208-25	1		203	1203-71	1	028		3.50	
545	MTB2 -		208	1208- 5	1		203	1203-70	1	028		6.88	
546	MTB3 -		208	1208-41	1		203	1203-69	1	028		6.60	
547	MTB4 -		208	1208-42	1		203	1203-68	1	028		6.20	
548	MTB5 -		208	1208-58	1		203	1203-67	1	028		3.22	
549	MTB6 -		208	1208-39	1		203	1203-66	1	028		6.40	
550	MR -		212	1212-70	1		104	1104- 2	1	028		15.71	
551	MR1 -		209	1209-30	1		111	1111-25	2	028		9.19	
552	MR1 -		111	1111-25	2		108	1108-10	1	028		3.60	
553	MR2 -		209	1209-27	1		111	1111-59	2	028		8.91	
554	MR2 -		111	1111-59	2		108	1108-52	1	028		2. 6	
555	MR3 -		209	1209-66	1		111	1111-60	2	028		9.39	
556	MR3 -		111	1111-60	2		108	1108-46	1	028		3.40	
557	MR4 -		209	1209-28	1		111	1111-61	2	028		8.71	
558	MR4 -		108	1108-53	1		111	1111-61	2	028		3.80	
559	MR5 -		209	1209-64	1		108	1108-58	2	028		9.49	
560	MR5 -		108	1108-58	2		111	1111-20	1	028		2.10	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71580	B	4802-1167	19

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO.OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO.OF WIRES	TYPE	COLOR	LENGTH	
561	MR6 -		209	1209-63	1		108	1108-59	2	028		9. 9	
562	MR6 -		108	1108-59	2		111	1111-21	1	028		2.10	
563	MV -		106	1106-67	1		220	1220-70	1	028		9.72	
564	NI *-		119	1119-12	1		120	1120-16	1	028		1.30	
565	PCE -		118	1118-59	2		120	1120-66	2	028		1.80	
566	PCE -		118	1118-59	2		119	1119-14	1	028		2. 8	
567	PCE -		120	1120-66	2		116	1116-34	3	028		2.12	
568	PCE -		116	1116-34	3		110	1110-66	2	028		3.52	
569	PCE -		110	1110-66	2		105	1105-48	1	028		4.60	
570	PCE -		116	1116-34	3		220	1220-30	1	028		7.79	
571	PCH2 -		211	1211-50	1		111	1111-62	2	028		5.39	
572	PCH2 -		111	1111-62	2		114	1114-13	1	028		3.28	
573	PCH2 *-		114	1114-66	1		215	1215-46	1	028		4.29	
574	PCR *-		122	1122-51	1		213	1213-51	1	028		9.59	
575	PDEL -		119	1119-16	1		212	1212-53	1	028		7.87	
576	PFB -		209	1209-46	2		214	1214-61	1	028		4. 0	
577	PFB -		209	1209-46	2		122	1122-53	1	028		9. 6	
578	PFD -		211	1211- 2	2		115	1115-23	2	028		4.39	
579	PFD -		115	1115-23	2		107	1107-15	1	028		4.64	
580	PFD -		211	1211- 2	2		220	1220-47	1	028		5. 2	
581	PTC1 *-		211	1211-70	1		114	1114-14	1	028		12.47	
582	PTC12 *-		211	1211-71	1		114	1114-48	1	028		12.99	
583	PRC1 *-		211	1211-22	1		114	1114- 3	1	028		12.19	
584	PTD -		107	1107-64	1		115	1115-13	2	028		4.76	
585	PTD -		115	1115-13	2		116	1116-30	1	028		3.90	
586	PTD *-		107	1107-33	1		116	1116- 5	1	028		7.40	
587	PT1 *-		115	1115-12	1		214	1214- 2	1	028		6.29	
588	PT2 *-		115	1115-49	1		114	1114-60	1	028		2.70	
589	PUSH -		115	1115-51	2		116	1116- 2	1	028		2.98	
590	PUSH -		115	1115-51	2		212	1212- 6	1	028		6.51	
591	PUSR -		115	1115-41	1		122	1122-57	1	028		4.78	
592	RCCP -		114	1114-68	1		211	1211-53	1	028		5.39	
593	RCHA -		220	1220-23	1		213	1213-57	2	028		4.10	
594	RCHA -		213	1213-57	2		111	1111-35	1	028		5.31	
595	RCHA *-		220	1220-57	1		211	1211-44	1	028		5.54	
596	RCHP -		213	1213- 4	1		118	1118-48	1	028		7.11	
597	RCP *-		211	1211-16	2		208	1208-57	1	028		2.10	
598	RCP *-		211	1211-16	2		112	1112-70	2	028		4.49	
599	RCP *-		112	1112-70	2		122	1122-43	1	028		7.40	
600	RCR-1 -		103	1103-71	1		101	1101- 8	1	028		5.72	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71580	B	4802-1167	20

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
601	RCR-2 -		103	1103-70	1		201	1201- 8	1	028		2.91	
602	RCVP *-		213	1213- 7	1		116	1116-50	1	028		6.91	
603	RCVS -		218	1218-13	1		111	1111- 5	1	028		10.79	
604	RC12 -		114	1114-40	1		213	1213-38	1	028		7.89	
605	RD -		212	1212-69	1		107	1107-58	1	028		10.99	
606	RDCR -		116	1116-71	1		121	1121-11	1	028		4.29	
607	RDP -		212	1212-33	1		103	1103-59	1	028		11.67	
608	RFDMS -		209	1209-15	2		218	1218-58	1	028		4.86	
609	RFDMS -		209	1209-15	2		115	1115-53	1	028		8.51	
610	RFDP -		105	1105-11	1		218	1218-69	1	028		14.72	
611	RHPC -		214	1214- 7	1		117	1117- 4	1	028		8.99	
612	RTDR *-		114	1114-70	1		211	1211-27	1	028		6.91	
613	RTN -		217	1217-35	1		120	1120-67	1	028		9.11	
614	RTP -		218	1218-30	1		111	1111-28	1	028		9.59	
615	RTP *-		218	1218-40	1		219	1219-28	1	028		5. 8	
616	RTR -		218	1218-59	1		217	1217-53	1	028		1.70	
617	RTS -		215	1215-14	1		220	1220-39	2	028		6. 0	
618	RTS -		118	1118-71	1		220	1220-39	2	028		10.67	
619	RKI -		212	1212-68	1		211	1211- 8	1	028		5.10	
620	RKSR -		211	1211-14	2		213	1213-14	2	028		1. 0	
621	RKSR -		213	1213-14	2		220	1220-46	2	028		3.62	
622	RKSR -		211	1211-14	2		208	1208-68	1	028		4.28	
623	RKSR -		220	1220-46	2		122	1122-21	1	028		6. 7	
624	RLD -		211	1211-48	1		220	1220-63	1	028		5.70	
625	RLIP -		220	1220- 4	2		215	1215-70	1	028		7. 9	
626	RLIP -		220	1220- 4	2		111	1111-49	1	028		7.87	
627	RLIP *-		215	1215-38	1		220	1220-71	1	028		3.15	
628	RMA *-		214	1214-50	1		106	1106-10	2	028		10.11	
629	RMA *-		106	1106-10	2		117	1117- 2	1	028		6.14	
630	RMA-1 -		104	1104-49	1		101	1101- 7	1	028		1.78	
631	RMA-10 -		104	1104-13	1		101	1101-43	1	028		2.18	
632	RMA-2 -		104	1104-50	1		201	1201- 7	1	028		6.91	
633	RMA-20 -		104	1104-14	1		201	1201-43	1	028		7. 7	
634	RMB-1 -		104	1104-48	1		101	1101- 2	1	028		2.52	
635	RMB-10 -		104	1104-12	1		101	1101-38	1	028		2.68	
636	RMB-2 -		104	1104-51	1		201	1201- 2	1	028		5.71	
637	RMB-20 -		104	1104-15	1		201	1201-38	1	028		5.87	
638	RPAC *-		120	1120-71	1		119	1119-41	1	028		5.50	
639	RPT7 *-		116	1116-68	1		114	1114-44	2	028		5.20	
640	RPT7 *-		114	1114-44	2		115	1115-43	2	028		0.70	

Burroughs Corporation PROPRIETARY DATA - NOT FOR PUBLICATION D830 System

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71580	R	4802-1167	21

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
641	RPTZ *-		115	1115-43	2		121	1121-12	1	028		3.60	
642	RSTM *-		114	1114- 8	1		212	1212-14	1	028		9.39	
643	RTM -		219	1219-25	1		209	1209-57	1	028		5.52	
644	RXMIT *-		118	1118-32	1		210	1210- 6	1	028		5. 4	
645	SA1 -		204	1204-63	1		209	1209-51	1	028		3.46	
646	SA2 -		204	1204-62	1		209	1209-33	1	028		3.26	
647	SA3 -		204	1204-61	1		209	1209-59	1	028		2.90	
648	SA4 -		204	1204-60	1		209	1209-23	1	028		2.90	
649	SA5 -		204	1204-59	1		209	1209-52	1	028		3. 6	
650	SA6 -		204	1204-58	1		209	1209-16	1	028		3.18	
651	SRIF -		105	1105-15	1		210	1210-24	1	028		10.59	
652	SCH -		211	1211-46	2		213	1213-23	1	028		3. 5	
653	SCH -		211	1211-46	2		110	1110-53	2	028		6.89	
654	SCH -		110	1110-53	2		121	1121-61	1	028		6.14	
655	SCH *-		211	1211-11	1		112	1112-69	2	028		3.69	
656	SCH *-		112	1112-69	2		122	1122-26	2	028		5.76	
657	SCH *-		122	1122-26	2		121	1121- 3	1	028		5.10	
658	SCHL -		220	1220-40	2		211	1211-31	1	028		7.12	
659	SCHL -		220	1220-40	2		111	1111-50	2	028		7.59	
660	SCHL -		111	1111-50	2		118	1118-33	1	028		5.28	
661	SCLR -		214	1214-59	1		213	1213-68	1	028		2.30	
662	SCYL *-		112	1112-68	1		111	1111- 3	1	028		6.10	
663	SDRF -		105	1105-23	1		210	1210-62	1	028		9.31	
664	SDOT -		121	1121-42	1		220	1220-13	1	028		2.49	
665	SDOT *-		121	1121-41	1		220	1220-11	1	028		2.29	
666	SEN1 -		114	1114-38	1		210	1210-70	1	028		14.99	
667	SEPF2 *-		119	1119-57	1		208	1208-24	1	028		10.51	
668	SFDR -		207	1207-16	1		210	1210-51	1	028		1.50	
669	SFTD -		218	1218- 4	1		217	1217-44	1	028		1. 8	
670	SFO -		214	1214-43	1		207	1207- 8	1	028		5.12	
671	STCR -		114	1114-53	1		217	1217-16	1	028		1.90	
672	STSF -		217	1217-71	1		215	1215-71	1	028		1. 0	
673	SLD1 *-		114	1114-39	1		209	1209-11	1	028		10.31	
674	SLD2 *-		114	1114-15	1		209	1209-10	1	028		7.79	
675	SMV4 *-		106	1106-68	1		209	1209- 8	1	028		3.67	
676	SRL -		219	1219-52	1		220	1220- 8	1	028		1.88	
677	SSP *-		211	1211-51	1		121	1121-69	1	028		6.68	
678	SST *-		211	1211-52	2		121	1121-59	2	028		8.39	
679	SST *-		121	1121-59	2		122	1122-58	1	028		0.70	
680	SST *-		211	1211-52	2		214	1214-38	1	028		5. 8	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71580	B	4802-1167	22

SEQUENCE NO.	SIGNAL NAME		WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
				LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
681	SSY	*-		121	1121-53	1		120	1120-49	1	028		1.30	
682	STD	-		122	1122-24	1		121	1121-26	3	028		0.90	
683	STD	-		121	1121-26	3		105	1105-21	1	028		8.40	
684	STD	-		121	1121-26	3		214	1214-30	1	028		9.99	
685	STD	*-		122	1122-23	1		114	1114-61	2	028		4.60	
686	STD	*-		114	1114-61	2		214	1214-57	1	028		6.99	
687	STM	-		210	1210-47	2		219	1219-71	1	028		6.60	
688	STM	-		107	1107-66	1		210	1210-47	2	028		4.60	
689	STM	*-		107	1107-31	1		214	1214- 6	1	028		4.62	
690	SVIP	-		121	1121- 7	1		118	1118-30	1	028		5.20	
691	SVIP	*-		121	1121-10	1		122	1122-27	1	028		3.90	
692	SOF	-		219	1219-10	2		220	1220-67	1	028		4.50	
693	SOF	-		218	1218-41	1		219	1219-10	2	028		1.28	
694	SOF	*-		215	1215-47	1		218	1218-53	1	028		1.98	
695	SOR7	-		115	1115-35	1		208	1208-26	1	028		7.39	
696	S30S	-		219	1219-24	1		111	1111-69	2	028		7.67	
697	S30S	-		111	1111-69	2		113	1113- 7	1	028		5.68	
698	TR10R	-		115	1115-67	1		207	1207-51	2	028		6.19	
699	TR10R	-		207	1207-51	2		210	1210-61	1	028		2.60	
700	TD	-		115	1115-71	1		216	1216- 5	1	028		3.67	
701	TDDS	*-		114	1114-33	1		108	1108-64	1	028		3.60	
702	TDRR1	-		207	1207-35	1		105	1105-57	1	028		11. 7	
703	TDRR1	*-		115	1115-68	1		207	1207-32	1	028		9.31	
704	TDOR	-		115	1115-66	1		207	1207- 2	1	028		4.68	
705	TD1	-		108	1108-38	1		110	1110- 2	1	028		1.20	
706	TD2	-		108	1108-41	1		110	1110- 3	1	028		1.60	
707	TD3	-		108	1108-40	1		110	1110- 4	1	028		1.20	
708	TD4	-		108	1108-39	1		110	1110- 5	1	028		1.60	
709	TD5	-		108	1108-21	1		110	1110- 6	1	028		3.40	
710	TD6	-		108	1108-66	1		111	1111- 2	1	028		6.28	
711	TEC	-		217	1217-48	3		219	1219-50	2	028		1.40	
712	TEC	-		217	1217-48	3		214	1214-15	1	028		1.54	
713	TEC	-		219	1219-50	2		220	1220- 7	1	028		1.68	
714	TEC	-		217	1217-48	3		215	1215-39	2	028		2.20	
715	TEC	-		215	1215-39	2		112	1112-35	2	028		1.91	
716	TEC	-		112	1112-35	2		105	1105-31	1	028		3.82	
717	TEC	*-		217	1217-42	1		120	1120-23	1	028		5. 7	
718	TEC	*-		210	1210-17	1		114	1114-67	3	028		5.71	
719	TEC	*-		114	1114-67	3		115	1115-26	1	028		1.28	
720	TEC	*-		114	1114-67	3		105	1105-52	1	028		5.70	

Burroughs Corporation PROPRIETARY DATA - NOT FOR PUBLICATION D830 System

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71580	B	4802-1167	23

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
721	TFP -		217	1217-60	1		215	1215-42	1	028		4. 0	
722	TTD1 -		220	1220- 3	1		215	1215-59	1	028		5. 6	
723	TTD2 -		220	1220- 2	1		215	1215-41	1	028		2.94	
724	TMRDR -		108	1108-71	1		105	1105-24	1	028		2.72	
725	TMRDR *-		114	1114-22	1		108	1108-60	1	028		3.60	
726	TMV -		119	1119-21	1		106	1106-66	2	028		7.42	
727	TMV -		106	1106-66	2		213	1213-17	2	028		6.67	
728	TMV -		213	1213-17	2		219	1219-70	1	028		4.52	
729	TMV *-		210	1210-38	1		115	1115-63	2	028		3.79	
730	TMV *-		115	1115-63	2		119	1119-25	1	028		2.60	
731	TRC1 -		120	1120- 5	1		119	1119- 2	1	028		1.10	
732	TRC1 *-		120	1120-50	1		211	1211-66	1	028		12.79	
733	TRC2 -		120	1120- 3	1		119	1119-38	1	028		0.90	
734	TRC2 *-		120	1120-43	1		211	1211-68	1	028		14.59	
735	TRP -		208	1208-61	1		115	1115-33	1	028		7.67	
736	TRSA -		115	1115-70	1		209	1209-53	1	028		5.59	
737	TRVP -		213	1213-63	1		116	1116-69	1	028		7.19	
738	TTB -		218	1218-60	1		219	1219- 8	2	028		3.48	
739	TTB -		219	1219- 8	2		217	1217- 5	1	028		1.24	
740	TTBA -		219	1219-41	1		220	1220-48	1	028		1.90	
741	TTBR -		115	1115-28	1		207	1207-27	1	028		9.19	
742	TTD *-		114	1114-24	1		108	1108-23	1	028		3.20	
743	TTDS -		108	1108-47	1		114	1114-26	1	028		3.44	
744	TTOR -		115	1115-64	1		208	1208-69	1	028		10.19	
745	T1 -		112	1112-40	1		115	1115-11	2	028		2.26	
746	T1 -		115	1115-11	2		110	1110-24	2	028		3.60	
747	T1 -		110	1110-24	2		114	1114-71	3	028		2.92	
748	T1 -		114	1114-71	3		218	1218-38	2	028		2.48	
749	T1 -		114	1114-71	3		210	1210-39	2	028		2.56	
750	T1 -		210	1210-39	2		214	1214-49	1	028		2.80	
751	T1 -		218	1218-38	2		120	1120-61	2	028		3.59	
752	T1 -		120	1120-61	2		122	1122-61	1	028		1. 0	
753	T10 -		112	1112-60	2		110	1110-57	2	028		1.24	
754	T10 -		110	1110-57	2		114	1114-10	2	028		3. 8	
755	T10 -		114	1114-10	2		119	1119-42	1	028		2.62	
756	T10 -		112	1112-60	2		212	1212-17	2	028		6.59	
757	T10 -		212	1212-17	2		210	1210-26	2	028		2.20	
758	T10 -		210	1210-26	2		218	1218-64	1	028		4.28	
759	T2 -		112	1112-39	1		114	1114- 2	2	028		1.40	
760	T2 -		114	1114- 2	2		115	1115- 8	3	028		1.70	

Burroughs Corporation PROPRIETARY DATA - NOT FOR PUBLICATION D830 System

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71580	B	4802-1167	24

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
761	T2 -		115	1115- 8	3		120	1120-60	2	028		4.12	
762	T2 -		120	1120-60	2		122	1122-71	1	028		2.60	
763	T2 -		115	1115- 8	3		110	1110-25	2	028		4.40	
764	T2 -		110	1110-25	2		210	1210-11	1	028		4.99	
765	T3 -		112	1112- 6	1		115	1115-47	2	028		1.70	
766	T3 -		115	1115-47	2		114	1114-50	2	028		1.10	
767	T3 -		114	1114-50	2		110	1110-59	1	028		2.72	
768	T3 *-		112	1112-44	1		115	1115-62	1	028		4.20	
769	T4 -		112	1112-53	2		110	1110-60	2	028		1.80	
770	T4 -		112	1112-53	2		115	1115-10	2	028		2.26	
771	T4 -		115	1115-10	2		119	1119-23	2	028		3.40	
772	T4 -		119	1119-23	2		122	1122-34	1	028		2.80	
773	T4 -		110	1110-40	2		212	1212-50	1	028		6.19	
774	T5 -		112	1112-46	1		110	1110-61	3	028		3.40	
775	T5 -		110	1110-61	3		122	1122-64	1	028		6.24	
776	T5 -		110	1110-61	3		212	1212-58	1	028		7.59	
777	T6 -		112	1112-58	3		110	1110-20	1	028		1.20	
778	T6 -		112	1112-58	3		115	1115-17	3	028		2.10	
779	T6 -		115	1115-17	3		114	1114-12	1	028		1.50	
780	T6 -		112	1112-58	3		108	1108-32	1	028		2.72	
781	T6 -		115	1115-17	3		121	1121-13	3	028		3.32	
782	T6 -		121	1121-13	3		122	1122-41	1	028		1.90	
783	T6 -		121	1121-13	3		220	1220-32	1	028		12. 9	
784	T7 -		112	1112-61	3		110	1110-21	2	028		1.12	
785	T7 -		110	1110-21	2		114	1114-51	2	028		2.28	
786	T7 -		112	1112-61	3		116	1116-63	1	028		2.40	
787	T7 -		114	1114-51	2		115	1115- 3	1	028		2.68	
788	T7 -		112	1112-61	3		212	1212-51	2	028		5.79	
789	T7 -		212	1212-51	2		213	1213-60	3	028		2.30	
790	T7 -		213	1213-60	3		211	1211-62	2	028		1.40	
791	T7 -		211	1211-62	2		210	1210-27	1	028		0.50	
792	T7 -		213	1213-60	3		220	1220-28	1	028		4. 2	
793	T8 -		112	1112-63	3		110	1110-22	1	028		1.32	
794	T8 -		112	1112-63	3		119	1119-33	2	028		4.18	
795	T8 -		112	1112-63	3		212	1212-15	1	028		5.59	
796	T8 -		119	1119-33	2		122	1122-42	1	028		5.92	
797	T9 -		112	1112-62	3		110	1110-56	1	028		1.60	
798	T9 -		112	1112-62	3		211	1211-13	2	028		5.49	
799	T9 -		112	1112-62	3		121	1121-39	1	028		6.40	
800	T9 -		211	1211-13	2		220	1220- 6	1	028		5. 6	

Burroughs Corporation PROPRIETARY DATA - NOT FOR PUBLICATION D830 System

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71580	B	4802-1167	25

SEQUENCE NO.	SIGNAL NAME		WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
				LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
801	UAPD	-		107	1107-16	1		209	1209- 3	1	028		5.59	
802	VPCE	-		116	1116-70	2		118	1118-31	2	028		1.44	
803	VPCE	-		116	1116-70	2		110	1110-67	1	028		3.24	
804	VPCE	-		118	1118-31	2		119	1119- 5	1	028		5.70	
805	VP1	-		117	1117-27	2		110	1110-33	2	028		3.98	
806	VP1	-		110	1110-33	2		105	1105-66	1	028		2.94	
807	VP1	-		117	1117-27	2		116	1116-39	1	028		5. 8	
808	VP1	*-		117	1117-61	1		116	1116-38	1	028		5.10	
809	VP2	-		117	1117-63	2		110	1110-34	2	028		3.86	
810	VP2	-		110	1110-34	2		105	1105-68	1	028		3.10	
811	VP2	-		117	1117-63	2		116	1116-40	1	028		5.10	
812	VP2	*-		117	1117-25	1		116	1116-49	1	028		2.68	
813	VP3	-		117	1117-32	2		110	1110-35	1	028		3.74	
814	VP3	-		117	1117-32	2		116	1116-41	1	028		5.68	
815	VP3	*-		117	1117-66	2		116	1116-48	1	028		4.10	
816	VP3	*-		117	1117-66	2		105	1105-70	1	028		6.32	
817	VP4	-		117	1117-68	2		110	1110-69	2	028		3.70	
818	VP4	-		110	1110-69	2		105	1105-69	1	028		2.50	
819	VP4	-		117	1117-68	2		116	1116-42	1	028		5.70	
820	VP4	*-		117	1117-30	1		116	1116-47	1	028		4. 8	
821	VP5	-		117	1117-35	2		110	1110-70	2	028		3.90	
822	VP5	-		110	1110-70	2		105	1105-35	1	028		2.50	
823	VP5	-		117	1117-35	2		116	1116-43	1	028		5.88	
824	VP5	*-		117	1117-69	1		116	1116-46	1	028		5.10	
825	VP6	-		117	1117-71	2		116	1116-58	1	028		3.10	
826	VP6	-		117	1117-71	2		110	1110-71	1	028		3.50	
827	VP6	*-		117	1117-33	2		116	1116-44	1	028		5.28	
828	VP6	*-		117	1117-33	2		105	1105-34	1	028		6.20	
829	WCR-1	-		103	1103-50	1		101	1101- 4	1	028		2.32	
830	WCR-2	-		103	1103-51	1		201	1201- 4	1	028		5.91	
831	WP	-		212	1212-62	1		208	1208-15	2	028		2.92	
832	WP	-		208	1208-15	2		120	1120-63	1	028		7.96	
833	WSS	-		212	1212-34	1		107	1107-59	1	028		11. 7	
834	WTP	-		212	1212-71	1		103	1103-10	1	028		14.51	
835	WOS	-		120	1120-41	1		208	1208- 4	1	028		9.91	
836	WOS	*-		120	1120-11	1		208	1208-38	1	028		8.60	
837	XAM1	-		202	1202-22	1		201	1201- 3	1	028		4.30	
838	XAM10	-		202	1202-47	1		201	1201-31	1	028		4.30	
839	XAM2	-		202	1202-23	1		201	1201-30	1	028		1.90	
840	XAM3	-		202	1202-52	1		201	1201-10	1	028		1.50	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71580	R	4802-1167	26

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
841	XAM4 -		202	1202-51	1		201	1201-26	1	028		2.50	
842	XAM5 -		202	1202-24	1		201	1201-44	1	028		3.48	
843	XAM6 -		202	1202-25	1		201	1201-60	1	028		0.90	
844	XAM7 -		202	1202-50	1		201	1201- 6	1	028		1.90	
845	XAM8 -		202	1202-49	1		201	1201-51	1	028		0.90	
846	XAM9 -		202	1202-48	1		201	1201-25	1	028		2.90	
847	XA1 -		107	1107-12	1		202	1202-32	1	028		12.79	
848	XA10 -		107	1107- 2	1		202	1202-42	1	028		9.67	
849	XA2 -		107	1107-11	1		202	1202-33	1	028		13.19	
850	XA3 -		107	1107-17	1		202	1202-38	1	028		5.87	
851	XA4 -		107	1107- 5	1		202	1202-39	1	028		8.47	
852	XA5 -		107	1107- 4	1		202	1202-34	1	028		14.79	
853	XA6 -		107	1107-10	1		202	1202-35	1	028		13.79	
854	XA7 -		107	1107- 3	1		202	1202-40	1	028		9. 7	
855	XA8 -		107	1107-40	1		202	1202-41	1	028		8.99	
856	XA9 -		107	1107-44	1		202	1202-43	1	028		8.59	
857	XB10R -		210	1210-44	1		207	1207-10	1	028		1.70	
858	XB10R *-		210	1210-14	1		115	1115-38	1	028		11.11	
859	XDRB1 *-		105	1105-13	1		115	1115-39	1	028		5.60	
860	XFA -		210	1210-21	1		105	1105-60	1	028		8.27	
861	XFAS -		210	1210-53	1		105	1105-47	1	028		9.99	
862	XFAS *-		210	1210-33	1		105	1105-59	1	028		10.87	
863	XFID *-		105	1105-14	1		115	1115-27	1	028		6. 4	
864	XIP *-		112	1112-64	1		221	1221-32	1	028		10.48	
865	XMIT -		210	1210- 4	2		111	1111-63	3	028		3.49	
866	XMIT -		111	1111-63	3		105	1105-12	1	028		4.12	
867	XMIT -		111	1111-63	3		119	1119-51	1	028		4.96	
868	XMIT -		210	1210- 4	2		220	1220-61	1	028		6.48	
869	XMIT *-		210	1210-35	2		218	1218-51	1	028		5.52	
870	XMIT *-		114	1114-49	1		210	1210-35	2	028		14.51	
871	XMITA -		210	1210-15	2		208	1208-20	2	028		1.40	
872	XMITA -		208	1208-20	2		214	1214-71	1	028		4.12	
873	XMITA -		210	1210-15	2		119	1119-15	1	028		9.59	
874	XMITA *-		210	1210-52	2		105	1105-40	1	028		11.19	
875	XMITA *-		210	1210-52	2		221	1221-31	1	028		6.90	
876	XMR *-		210	1210-23	1		212	1212-13	1	028		2.40	
877	XMRDR *-		210	1210-63	1		114	1114-11	1	028		11.87	
878	XR *-		210	1210-12	1		218	1218-44	1	028		4.12	
879	XSFT -		210	1210- 3	2		207	1207-49	1	028		2.68	
880	XSFT -		210	1210- 3	2		115	1115-32	1	028		3.30	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71580	B	4802-1157	27

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
881	XSNF -		210	1210-34	1		212	1212-66	1	028		2.72	
882	YAM1 -		102	1102-22	1		101	1101- 3	1	028		4.30	
883	YAM10 -		102	1102-47	1		101	1101-31	1	028		4.30	
884	YAM2 -		102	1102-23	1		101	1101-30	1	028		1.90	
885	YAM3 -		102	1102-52	1		101	1101-10	1	028		1.50	
886	YAM4 -		102	1102-51	1		101	1101-26	1	028		2.50	
887	YAM5 -		102	1102-24	1		101	1101-44	1	028		3.48	
888	YAM6 -		102	1102-25	1		101	1101-60	1	028		0.90	
889	YAM7 -		102	1102-50	1		101	1101- 6	1	028		1.90	
890	YAM8 -		102	1102-49	1		101	1101-51	1	028		0.90	
891	YAM9 -		102	1102-48	1		101	1101-25	1	028		2.90	
892	YA1 -		107	1107-23	1		102	1102-32	1	028		3.22	
893	YA10 -		107	1107-52	1		102	1102-42	1	028		3.30	
894	YA2 -		107	1107- 7	1		102	1102-33	1	028		6.20	
895	YA3 -		107	1107-21	1		102	1102-38	1	028		4.88	
896	YA4 -		107	1107- 8	1		102	1102-39	1	028		3.10	
897	YA5 -		107	1107- 6	1		102	1102-34	1	028		6.60	
898	YA6 -		107	1107-22	1		102	1102-35	1	028		3.60	
899	YA7 -		107	1107-46	1		102	1102-40	1	028		2.98	
900	YA8 -		107	1107-53	1		102	1102-41	1	028		3.46	
901	YA9 -		107	1107-48	1		102	1102-43	1	028		2.90	
902	ORE -		208	1208-43	1		105	1105-17	1	028		6.31	
903	OREA -		105	1105-22	1		210	1210-59	1	028		8.91	
904	OR1 -		208	1208-60	1		115	1115-69	2	028		7.39	
905	OR1 -		115	1115-69	2		111	1111-22	1	028		2.92	
906	OR1 *-		208	1208-23	1		105	1105-53	1	028		9.67	
907	OR1S -		207	1207-46	1		208	1208-66	1	028		4.50	
908	OR2 -		208	1208-59	1		207	1207-50	2	028		2.30	
909	OR2 -		207	1207-50	2		111	1111-56	1	028		7.39	
910	OR2 *-		208	1208-22	1		105	1105-16	1	028		9.59	
911	OR2S -		207	1207-43	1		208	1208-67	1	028		5.30	
912	OR3 -		208	1208-71	1		207	1207-52	2	028		4.30	
913	OR3 -		207	1207-52	2		111	1111-57	1	028		7.59	
914	OR3S -		207	1207-44	1		208	1208-70	1	028		5.70	
915	OR4 -		208	1208-35	1		207	1207-57	2	028		3. 8	
916	OR4 -		207	1207-57	2		111	1111-58	1	028		8.39	
917	OR4S -		207	1207-64	1		208	1208-33	1	028		1.28	
918	OR5 -		208	1208-42	1		207	1207-25	2	028		0.50	
919	OR5 -		207	1207-25	2		111	1111-51	1	028		10.51	
920	OR5S -		207	1207-47	1		208	1208-34	1	028		0.94	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070168	X-71580	B	4802-1157	28

SEQUENCE NO.	SIGNAL NAME	WIRE NO OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO.OF WIRES	TYPE	COLOR	LENGTH	
921	0R6 -		208	1208-63	1		207	1207-58	2	028		1.50	
922	0R6 -		207	1207-58	2		111	1111-52	1	028		9.79	
923	0R6S -		207	1207-66	1		208	1208-32	1	028		1.10	
924	0R7 -		208	1208-64	1		207	1207-59	2	028		1.50	
925	0R7 -		207	1207-59	2		111	1111-53	1	028		9.79	
926	10CPSO -		113	1113-14	1		219	1219-11	1	028		8.39	
927	30SEC -		113	1113-13	1		219	1219-26	1	028		11.59	

Burroughs Corporation PROPRIETARY DATA - NOT FOR PUBLICATION D830 System

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES	TO TERM	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
24	WHT	100-0908S		J1	B	1		1213	63	1	2-330495-1		RA(A)	1
					D			1217	53				RB (A)	2
					F			1216	4				RQ(A)	3
					A			1213	47				RS (A)	4
					C			1213	41				TA(A)	5
					E			1217	13				TS(A)	6
					H			1216	2				TD(A)	7
					J			1216	3				NV(A)	8
24	WHT	100-0908S		J1	K	1		1111	37	1	2-330495-1		GRD	9
														10
														11
														12
														13
														14
														15
														16
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														36

ZONE	LTR	REVISIONS DESCRIPTION	DATE	APPROVED
	A	REVISED PER C-64891 SEE SH 2,3,4,5 & 6	5-17-67	
	B	C-65220 SEE SHTS 2,3,4 & 5	8-[illegible]	
	C	C-66375 RB	11-17-67	

BDF 487

NOTES:

LIST OF MATERIAL SEE LM 4802-1171

SEE ENGINEERING RECORDS	CONTRACT NO.	Burroughs Corporation DEFENSE AND SPACE GROUP GREAT VALLEY LABORATORY • BOX 873 • MALVERN, PENNSYLVANIA
	PREPARED BY [illegible] DATE 11-C-66	WIRE LIST BACKPLANE TO INTER CONNECTORS LOGIC UNIT
	CHECKED	
	DRAFT. SUPV [illegible] 11/8/66	
	DESIGN [illegible] 11-17-66	
501 4802-1157-501	APPROVED [illegible] 11/22/66	SIZE C CODE IDENT NO. 08241 4802-1171
DASH NO. NEXT ASSEMBLY USED ON		SCALE SHEET 1 OF 6
APPLICATION		

DWG NO. 4802-1171 REV C

PRINTED IN U.S. AMERICA
PTS 595 REV 12/64 NO. 177

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES.	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
24	WHT	100-0908S		J2	B	1		1218	27	1	2-330495-1		RA(B)	1
					D			1217	51				RD(B)	2
					F			1216	40				RQ(B)	3
					A			1218	03				RS(B)	4
					C			1217	43				TA(B)	5
					E			1217	22				TS(B)	6
					H			1216	38				TD(B)	7
					J			1216	39				NV(B)	8
24	WHT	100-0908S		J2	K	1		1117	37	1	2-330495-1		GRD	9
														10
														11
														12
														13
														14
														15
														16
														17
														18
														19
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														34
														35
														36

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER C-64891 WF	5-17-67	R.W.Bonnell
	B	C-65230 LMEC	8-15-67	S.C.Hunter

NOTES:

LIST OF MATERIAL SEE LM

SEE ENGINEERING RECORDS		
DASH NO.	NEXT ASSEMBLY	USED ON
APPLICATION		

CONTRACT NO.

PREPARED BY		DATE 11-4-66
CHECKED		
DRAFT. SUPV	W Grant	11/8/66
DESIGN	Lm Bell	11-17-66
APPROVED	C C Bohn	12/12/66

Burroughs Corporation
DEFENSE AND SPACE GROUP
GREAT VALLEY LABORATORY • BOX 873 • MALVERN, PENNSYLVANIA

WIRE LIST
BACKPLANE TO INTER CONNECTORS
LOGIC UNIT

SIZE	CODE IDENT NO.	
C	08241	4802-1171

SCALE | SHEET 2

DWG NO. 4802-1171 REV B

PRINTED IN U.S.A. AMERICA
RES 590 REV 12/64 NO.177

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES.	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
24	WHT	100-0908S		J3	C	1		1117	10	1	2-330495-1		DHP-1	1
					F				40				DHP-2	2
					K				51				DHP-3	3
					N				15				DHP-4	4
					S				22				DHP-5	5
					V				58				DHP-6	6
					B				62				DVP-1	7
					E				26				DVP-2	8
					J				67				DVP-3	9
					M				31				DVP-4	10
					R				70				DVP-5	11
					U				34	1			DVP-6	12
					A				18	2			+3.6V	13
24	WHT	100-0908S		J3	D	1		1117	37	1	2-330495-1		GRD	14
														15
														16
														17
														18
														19
														20
														21
														22
														23
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														32
														33
														34
														35
														36

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER CA891 DRM	5-17-67	
	B	C-65230 LMEC	8-15-67	

NOTES:

LIST OF MATERIAL SEE LM

SEE ENGINEERING RECORDS

DASH NO.	NEXT ASSEMBLY	USED ON
APPLICATION		

CONTRACT NO.

PREPARED BY P.K. Cross DATE 11-8-66
CHECKED
DRAFT. SUPV. [illegible] 11/8/66
DESIGN [illegible] 11-17-66
APPROVED [illegible] 12/22/66

Burroughs Corporation
DEFENSE AND SPACE GROUP
GREAT VALLEY LABORATORY • BOX 679 • MALVERN, PENNSYLVANIA

WIRE LIST
BACKPLANE TO INTERCONNECTORS
LOGIC UNIT

SIZE	CODE IDENT NO.	DWG NO.
C	08241	4802-1171

SCALE | SHEET 3

DWG NO. 4802-1171 REV. B

PRINTED IN U.S. AMERICA
RES 595 REV 12/64 NO. 177

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES.	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
24	WHT	100-09085		J4	A	1		1221	67	1	2-330495-1		FUN0	1
					E				62	1			FUN1	2
					K				61	1			FUN2	3
					P				64	1			FUN3	4
					U				63	2			FUN4	5
					V				15	1			FUN5	6
					c				59				FUN6	7
					d			1221	60				FUN7	8
					m			1219	43				RXMT	9
					D			1219	68				RIA	10
					J			1105	39				EPW	11
					N			1220	21				AK BD1	12
					T			1218	62				IPE1	13
					X			1214	34	1			UFI	14
					b			1221	54	2			+3.6V	15
					g			1104	56				+12V	16
					k			1221	37				GRD	17
					B			1221	30				E0	18
					F				29				E1	19
					L				25				E2	20
					R				41				E3	21
					V				61				E4	22
					Z				21				E5	23
					d				57	2			E6	24
24	WHT	100-09085		J4	n	1		1221	04	3	2-330495-1		E7	25
														26
														27
														28
														29
														30
														31
														32
														33
														34
														35
														36

REVISIONS					
ZONE	LTR	DESCRIPTION		DATE	APPROVED
	A	REVISED PER C-64891	HF	5-17-67	
	B	C-65230	LMSC	8-5-67	

NOTES:

LIST OF MATERIAL SEE LM

SEE ENGINEERING RECORDS		
DASH NO.	NEXT ASSEMBLY	USED ON
APPLICATION		

CONTRACT NO.

PREPARED BY R. Crum DATE 9-4-64
CHECKED
DRAFT. SUPV R. Grant 11/18/66
DESIGN Wm Seelk 11-17-66
APPROVED C.C. Bathauer

Burroughs Corporation
DEFENSE AND SPACE GROUP
GREAT VALLEY LABORATORY • BOX 873 • MALVERN, PENNSYLVANIA

WIRE LIST
BACKPLANE TO INTER CONNECTORS
LOGIC UNIT

SIZE	CODE IDENT NO.	
C	08241	4802-1171
SCALE		SHEET 14

4802-1171 REV B

PRINTED IN U.S. AMERICA
RES 595 REV 12/64 NO. 177

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
24	WHT	100-0908 S		J5	A	1		1108	03	2	2-330495-1		DSR1	1
					E			1108	04	2			DSR2	2
					K			1108	61	3			DSR3	3
					P			1108	62	3			DSR4	4
					U			1109	31	3			DSR5	5
					Y			1109	30	3			DSR6	6
					c			1121	08	1			AAN	7
					d			1121	43	1			AFID1	8
					m			1121	32	1			ACUR	9
					B			1121	64	1			ADOT	10
					F			1121	63	2			AARO	11
					L			1108	54	2			+3.6V	12
					R			1122	44	1			STK	13
					V			1113	33	2			CLK 2	14
					Z			1121	70	1			DACR	15
					d			1112	67	1			EC	16
					i			1108	37	1			GRD	17
					n			1108	1	1			GRD	18
24	WHT	100-0908 S		J5	C	1		1108	18	2	2-330495-1		+3.6V	19
														20
														21
														22
														23
														24
														25
														26
														27
														28
														29
														30
														31
														32
														33
														34
														35
														36

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER C-64891 HF	5-17-67	R Grant
	B	C-65230 LMEC	8-5-67	S G Wheeler

NOTES:

LIST OF MATERIAL SEE LM

SEE ENGINEERING RECORDS

DASH NO.	NEXT ASSEMBLY	USED ON
APPLICATION		

CONTRACT NO.

		DATE
PREPARED BY	E L Cross	11-6-66
CHECKED		
DRAFT. SUPV	R Grant	11-17-66
DESIGN	Um Bell	11-17-66
APPROVED	C C Berkowitz	11/17/66

Burroughs Corporation
DEFENSE AND SPACE GROUP
GREAT VALLEY LABORATORY • BOX 873 • PAOLI, PENNSYLVANIA

WIRE LIST
BACKPLANE TO INTER CONNECTORS
LOGIC UNIT

SIZE	CODE IDENT NO.	
C	08241	4802-1171

SCALE | SHEET 5

4802-1171 REV B

PRINTED IN U.S.A. AMERICA
RES 595 REV 12/64 NO. 177

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
24	WHT	100-09085		J6	A	1		1221	37	2	2-330495-1		CHASSIS GRD	1
					E			1221	30	2			E0	2
					K				28				E1	3
					P				25				E2	4
					U				41				E3	5
					Y				61				F4	6
					c				21				E5	7
					d				57	2			E6	8
					m			1221	04	3			E7	9
					D			1219	03	1			BS2L	10
					J			1219	04				FS2L	11
					N			1219	48				US2L	12
					T			1219	63				DS2L	13
					X			1221	33				C0	14
					c			1221	34				C1	15
					g			1214	42				C3	16
					k			1221	14				AN0	17
					C				46				AN1	18
					H				49				AN2	19
					M				48				AN3	20
					S				12				AN4	21
					W				03				AN5	22
					B				47				AN6	23
					F				11				AN7	24
					L				23				FI0	25
					R			1221	05				FI1	26
					V			1220	10				MV4	27
24	WHT	100-09085		J6	Z	1		1221	51	1	2-330495-1		CV	28
														29
														30
														31
														32
														33
														34
														35
														36

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER C-64891	5-12-67	

NOTES:

LIST OF MATERIAL SEE LM

SEE ENGINEERING RECORDS		
DASH NO.	NEXT ASSEMBLY	USED ON
APPLICATION		

CONTRACT NO.

PREPARED BY	R C Cannon	DATE 11-4-66
CHECKED		
DRAFT. SUPV	R E Grant	11/8/66
DESIGN	Wm Bell	11-17-66
APPROVED	C E Bashwitz	

Burroughs Corporation
DEFENSE AND SPACE GROUP
GREAT VALLEY LABORATORY • BOX 873 • MALVERN, PENNSYLVANIA

WIRE LIST
BACKPLANE TO INTER CONNECTORS
LOGIC UNIT

SIZE	CODE IDENT NO.	
C	08241	4802-1171

SCALE | SHEET 6

4802-1171 SH 6 REV A

PRINTED IN U.S. AMERICA
RES 990 REV 12/64 NO. 177

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES.	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
10	WHT	MS 25036-11		A1 Bus +3.6	1	1		A2TB1	3 (CRIMP)	1	SOLDER		+3.6	1
12	WHT	MS25036-11		A1 Bus +12	1	1		A2TB1	2 (CRIMP)	1	SOLDER		+12	2
12	WHT	MS25036-11		A1 Bus GRD	1	1		A2E1	—	1	MS25036-11		GRD	3
														4
22	WHT	SOLDER		A1 A1	12	1		J214	41	1	6-330495-8		POC	5
22	WHT	SOLDER		A1 A1	11	1		J122	63	1	6-330495-8		60 ~ SYNC	6
														7
														8
														9
														10
														11
														12
														13
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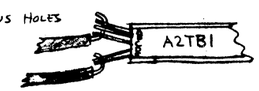
														32
														33
														34
														35
														36

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED

NOTES: 1. SEE ASSY 4802-1157 FOR ROUTING OF THESE WIRES.

CRIMP WIRE OVER IN BUS HOLES AND SOLDER



LIST OF MATERIAL SEE LM 4802-1194

SEE ENGINEERING RECORDS			CONTRACT NO.	
			PREPARED BY WIBELL	DATE 3-15-67
			CHECKED	
			DRAFT. SUPV	
			DESIGN Wm Bell	3-15-67
			APPROVED C E Bellamy	3/17/67
DASH NO.	NEXT ASSEMBLY	USED ON	APPLICATION	

Burroughs Corporation
DEFENSE AND SPACE GROUP
GREAT VALLEY LABORATORY • BOX 873 • MALVERN, PENNSYLVANIA

WIRE LIST
PWR. SUPPLY TO PWR. BUS
TWA LOGIC UNIT

SIZE	CODE IDENT NO.	
C	08241	4802-1189

SCALE | SHEET 1 OF 1

DWG NO. 4802-1189

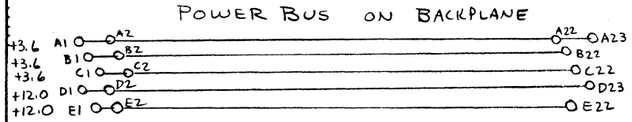
PRINTED IN U.S. AMERICA
RES 590 REV 12/64 NO. 177

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC.	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES.	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
22	WHT	6-330495-8		A2TB1	B2	2		J 103	18	1	6-330495-8		+3.6 V	1
					B2			103	54					2
					A3			104	18					3
					A3			104	54					4
					B3			105	18					5
					B3			105	54					6
					B4			106	18					7
					B4			106	54					8
					A5			107	18					9
					A5			107	54					10
					A6			108	18					11
					A6			108	54					12
					A7			110	18					13
					A7			110	54					14
					A9			111	18					15
					A9			111	54					16
					C10			112	18					17
					C10			112	54					18
					B11			113	18					19
					B11			113	54					20
					A13			114	18					21
					A13			114	54					22
					B13			115	18					23
					B13			115	54					24
					B14			116	18					25
					B14			116	54					26
					A15			117	18					27
					A15			117	54					28
					B15			118	18					29
					B15			118	54					30
					A17			119	18					31
					A17			119	54					32
					A18			120	18					33
					A18			120	54					34
					B18			121	18					35
22	WHT	6-330495-8		A2TB1	B18	2		J 121	54	1	6-330495-8		+3.6 V	36

REVISIONS ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER C-64935 SEE SHEET 2 & 3 C.B.	6-2-67	M. Devlin
	B	C-65230 SEE SHTS 2&3 LM°C	7-20-67	[illegible]
	C	SEE SH 3 FOR C-66241 FM	11/7/67	W. Bell
	D	SEE SH 3 FOR C-66582 JMR	12/19/67	W. Bell

NOTES:

POWER BUS ON BACKPLANE



LIST OF MATERIAL SEE LM 4802-1194

SEE ENGINEERING RECORDS			CONTRACT NO.	Burroughs Corporation DEFENSE AND SPACE GROUP GREAT VALLEY LABORATORY • BOX 873 • MALVERN, PENNSYLVANIA
			PREPARED BY W. BELL DATE 3-10-67	WIRE LIST POWER BUS TO BACKPLANE TWA LOGIC UNIT
			CHECKED	
			DRAFT. SUPV	
			DESIGN W. Bell 3-15-67	
			APPROVED C.E. Buchanan Jr. 3/17/67	SIZE C CODE IDENT NO. 08241 4802-1194-
DASH NO.	NEXT ASSEMBLY	USED ON	APPLICATION	SCALE SHEET 1 OF 3

SWB NO. 4802-1194 REV. D

PRINTED IN U.S.A. AMERICA
RES 595 REV 12/64 NO.177

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
22	WHT	6-330495-8		A2TB1	A19	2		J 122	18	1	6-330495-8		+3.6 V	1
					A19			122	54					2
					C3			204	18					3
					C3			204	54					4
					C5			207	18					5
					C5			207	54					6
					B5			208	18					7
					B5			208	54					8
					C7			209	18					9
					C7			209	54					10
					C8			210	18					11
					C8			210	54					12
					C9			211	18					13
					C9			211	54					14
					B9			212	18					15
					B9			212	54					16
					C12			213	18					17
					C12			213	54					18
					C13			214	18					19
					C13			214	54					20
					C14			215	18					21
					C14			215	54					22
					C15			217	18					23
					C15			217	54					24
					C16			218	18					25
					C16			218	54					26
					C17			219	18					27
					C17			219	54					28
					C18			220	18					29
					C18			220	54					30
					C19			221	18					31
					C19			221	54					32
					B19			222	18					33
22	WHT	6-330495-8		A2TB1	B19	2		J 222	54	1	6-330495-8		+3.6 V	34
22	WHT	6-330495-8		A2TB1	A16	2		J 216	18	1	6-330495-8		+3.6V	35
22	WHT	6-330495-8		A2TB1	A16	2		J 216	54	1	6-330495-8		+3.6V	36

REVISIONS ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER C-64935 C.B.	6-21-67	M. Durlin
	B	C-65230 LM&C	8-15-67	

NOTES:

LIST OF MATERIAL SEE LM

SEE ENGINEERING RECORDS	CONTRACT NO.
PREPARED BY W. BELL	DATE 3-10-67
CHECKED	
DRAFT. SUPV	
DESIGN W. Bell	3-15-67
APPROVED	

DASH NO.	NEXT ASSEMBLY	USED ON
APPLICATION		

Burroughs Corporation
DEFENSE AND SPACE GROUP
GREAT VALLEY LABORATORY • BOX 873 • PAOLI, PENNSYLVANIA

WIRE LIST
POWER BUS TO BACKPLANE A.
TWA LOGIC UNIT

SIZE	CODE IDENT NO.	
C	08241	4802-1194
SCALE		SHEET 2

FORM NO. 4802-1194 REV. B

PRINTED IN U.S.A. AMERICA
RES 595 REV 12/64 NO. 177

CONDUCTOR SIZE	CONDUCTOR COLOR	FROM TERMINATION TYPE/PART	FROM TERMINATION SLEEVE/MISC	FROM PART REF DES	FROM TERM.	FROM NO. OF WIRES	ROUTING	TO PART REF DES.	TO TERM.	TO NO. OF WIRES	TO TERMINATION TYPE/PART	TO TERMINATION SLEEVE/MISC.	REMARKS	LINE
22	WHT	6-330495-8		A2TB1	D2	2		J 102	20	1	6-330495-8		+12 V	1
					D2			102	56					2
					D3			103	20					3
					D3			103	56					4
					D4			104	20					5
					D4			104	56	2				6
					E10			113	20	1				7
					E10			113	56					8
					E2			202	20					9
					E2			202	56					10
					E3			203	20					11
22	WHT	6-330495-8		A2TB1	E3	2		J 203	56	1	6-330495-8		+12V	12
														13
														14
														15
														16
22	WHT	6-330495-8		A2TB1	A16	1	Jumper	A2TB1	B16	2	6-330495-8		+3.6 V	17
					B16	2			C17	3				18
					A10	1			B10	2				19
22	WHT	6-330495-8		A2TB1	B10	2	JUMPER	A2TB1	C11	1	6-330495-8		+ 3.6V	20
														21
														22
22	WHT	6-330495-8		A2TB1	D6	1	JUMPER	A2TB1	E6	1	6-330495-8		+ 12 V	23
														24
22	WHT	6-330495-8		J101	29	1		J101	36	1	6-330495-8		GRD	25
				J101	65			J101	72					26
				J201	29			J201	36					27
				J201	65			J201	72					28
				J203	29			J203	36					29
				J203	65			J203	72					30
				J203	9			J203	1					31
				J203	45			J203	37					32
				J204	9			J204	1					33
22	WHT	6-330495-8		J204	45	1		J204	37	1			GRD	34
22	WHT	6-330495-8		J 104	17	1		J 203	17	1			+5.95V	35
22	WHT	6-330495-8		J 104	21	1		J 203	21	1	6-330495-8		+8 V	36

REVISIONS					
ZONE	LTR	DESCRIPTION		DATE	APPROVED
	A	REVISED PER C-64935	C.B	4-21-67	M. Davis
	B	C-65230	LM°C	7-7-67	
	C	C-66241	FM	11/9/67	Von Cuttle
	D	C-66582	JMR	12/29/67	W. J. Ashland

NOTES:

LIST OF MATERIAL SEE LM

SEE ENGINEERING RECORDS		
DASH NO.	NEXT ASSEMBLY	USED ON
APPLICATION		

CONTRACT NO.

PREPARED BY W. TIBELL — DATE 3-10-67
CHECKED
DRAFT. SUPV
DESIGN W. Tibell — 3-15-67
APPROVED

Burroughs Corporation
DEFENSE AND SPACE GROUP
GREAT VALLEY LABORATORY • BOX 873 • MALVERN, PENNSYLVANIA

WIRE LIST
POWER BUS TO BACKPLANE
TWA LOGIC UNIT

SIZE C | CODE IDENT NO. 08241 | 4802-1194

SCALE | SHEET 3 OF 3

SDS NO. 4802-1194 REV. ID

PRINTED IN U.S. AMERICA
RES 595 REV 12/64 NO. 177

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070268	X-71593	A	4802-1237	5

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
1	AARO -		121	1121-63	1		214	1214-31	1	028		9.92	
2	ACHD *-		120	1120-28	1		213	1213- 3	1	028		4.62	
3	ACR -		121	1121-23	1		122	1122-40	1	028		4.10	
4	ACR *-		121	1121-33	1		122	1122- 2	1	028		6.70	
5	ACVD *-		120	1120-30	1		213	1213-50	1	028		6. 8	
6	ACVU *-		119	1119-50	1		213	1213-21	1	028		10.32	
7	ADC *-		119	1119-64	1		122	1122-68	1	028		1.82	
8	ADOL -		108	1108-34	1		121	1121-71	1	028		6.50	
9	AFID -		121	1121-51	1		122	1122-48	1	028		1.10	
10	AKBD -		112	1112-34	1		219	1219-69	2	028		8.92	
11	AKBD -		219	1219-69	2		220	1220-22	2	028		2.48	
12	AKBD -		220	1220-22	2		222	1222-68	1	028		2.32	
13	AM -		119	1119-69	1		121	1121-49	2	028		4.40	
14	AM -		121	1121-49	2		212	1212-39	2	028		7.60	
15	AM -		212	1212-39	2		220	1220-66	1	028		7. 0	
16	AM *-		117	1117-28	1		212	1212-38	1	028		3.74	
17	ARQ -		210	1210-48	1		216	1216- 6	1	028		3.68	
18	ASH *-		111	1111-42	1		122	1122-39	2	028		5.74	
19	ASH *-		122	1122-39	2		210	1210-28	2	028		15.12	
20	ASH *-		210	1210-28	2		211	1211-57	2	028		1.70	
21	ASH *-		211	1211-57	2		219	1219-53	1	028		4.32	
22	ASTB -		121	1121-44	1		211	1211-47	1	028		10.40	
23	AXDR -		105	1105-50	1		210	1210-40	1	028		6.80	
24	BDEP -		207	1207-30	1		210	1210-46	1	028		4.52	
25	BRQ -		210	1210-42	1		216	1216-41	1	028		3.20	
26	BRTP *-		115	1115-15	1		207	1207-21	1	028		10.60	
27	BR1 *-		110	1110-38	1		207	1207- 7	2	028		9.32	
28	BR1 *-		207	1207- 7	2		208	1208-10	1	028		1.10	
29	BR2 *-		110	1110-39	1		207	1207- 4	2	028		8.52	
30	BR2 *-		207	1207- 4	2		208	1208-16	1	028		2.90	
31	BR3 *-		110	1110-41	1		207	1207-23	2	028		11.92	
32	BR3 *-		207	1207-23	2		208	1208-46	1	028		2.90	
33	BR4 *-		110	1110-42	1		207	1207-24	2	028		11.92	
34	BR4 *-		207	1207-24	2		208	1208-52	1	028		1.90	
35	BR5 *-		110	1110-43	1		207	1207-34	2	028		13.72	
36	BR5 *-		207	1207-34	2		208	1208- 7	1	028		5.90	
37	BR6 *-		111	1111-38	1		207	1207-33	2	028		14.72	
38	BR6 *-		207	1207-33	2		208	1208-50	1	028		4.10	
39	BSE1 -		208	1208-48	1		211	1211-15	1	028		1.94	
40	CAP -		105	1105-25	1		213	1213-27	2	028		9.80	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070268	X-71593	A	4802-1237	6

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
41	CAP -		213	1213-27	2		214	1214-52	2	028		2.50	
42	CAP -		214	1214-52	2		220	1220-35	1	028		5. 8	
43	CCHD *-		118	1118-46	1		213	1213-42	1	028		8. 0	
44	CCHP -		118	1118-35	1		213	1213-44	1	028		3.66	
45	CCHU *-		118	1118-47	1		213	1213-43	1	028		8. 0	
46	CCVP -		116	1116- 3	1		213	1213-48	1	028		10.28	
47	CDRF -		105	1105-51	1		210	1210-25	1	028		10.88	
48	CEC -		112	1112-57	1		222	1222-71	1	028		12.60	
49	CFEL *-		119	1119-61	1		213	1213-40	1	028		4.80	
50	CHP02 -		118	1118- 3	1		120	1120-27	1	028		5.20	
51	CHP52 -		118	1118- 4	1		213	1213-22	1	028		12.40	
52	CIDA -		111	1111-33	1		119	1119-46	2	028		6.12	
53	CIDA -		119	1119-46	2		120	1120-10	2	028		0.70	
54	CIDA -		120	1120-10	2		215	1215-69	2	028		13.48	
55	CIDA -		215	1215-69	2		220	1220- 5	1	028		6.68	
56	CIDA *-		217	1217-46	1		219	1219- 2	2	028		2. 8	
57	CIDA *-		219	1219- 2	2		220	1220-44	1	028		1.50	
58	CLCP -		105	1105-27	1		213	1213-64	2	028		9.52	
59	CLCP -		213	1213-64	2		215	1215-49	2	028		3.40	
60	CLCP -		215	1215-49	2		220	1220-27	1	028		3.88	
61	CLCP *-		211	1211-28	1		213	1213-28	2	028		1. 0	
62	CLCP *-		213	1213-28	2		218	1218-46	2	028		4.52	
63	CLCP *-		218	1218-46	2		220	1220-60	1	028		3.20	
64	CLCPD *-		214	1214-22	1		215	1215-48	1	028		2.30	
65	CLK1 -		112	1112-32	1		113	1113-26	2	028		1.70	
66	CLK1 -		113	1113-26	2		114	1114-32	2	028		1.70	
67	CLK1 -		114	1114-32	2		116	1116-35	2	028		1.24	
68	CLK1 -		116	1116-35	2		117	1117-12	2	028		5.10	
69	CLK1 -		117	1117-12	2		119	1119-26	2	028		3.20	
70	CLK1 -		119	1119-26	2		120	1120-59	2	028		0.90	
71	CLK1 -		120	1120-59	2		121	1121-57	2	028		0.90	
72	CLK1 -		121	1121-57	2		122	1122- 6	2	028		3.28	
73	CLK1 -		122	1122- 6	2		217	1217-43	2	028		9. 8	
74	CLK1 -		217	1217-43	2		218	1218-57	2	028		3.30	
75	CLK1 -		218	1218-57	2		219	1219-27	2	028		1.48	
76	CLK1 -		219	1219-27	2		220	1220-43	1	028		4.30	
77	CLK1 *-		112	1112-66	1		113	1113-27	2	028		0.94	
78	CLK1 *-		113	1113-27	2		115	1115-14	2	028		3. 0	
79	CLK1 *-		115	1115-14	2		211	1211-58	1	028		10.28	
80	CLK2 -		105	1105- 2	1		113	1113-32	2	028		7.60	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070268	X-71593	A	4802-1237	7

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
81	CLK2 -		113	1113-32	2		210	1210-58	2	028		6.48	
82	CLK2 -		210	1210-58	2		212	1212-64	2	028		1.60	
83	CLK2 -		212	1212-64	2		213	1213-47	2	028		3.90	
84	CLK2 -		213	1213-47	2		214	1214-24	2	028		2.88	
85	CLK2 -		214	1214-24	2		215	1215-40	1	028		4.30	
86	CLK2 *-		111	1111-43	1		113	1113-33	2	028		5.68	
87	CLK2 *-		113	1113-33	2		118	1118-61	2	028		2.94	
88	CLK2 *-		118	1118-61	2		214	1214-70	2	028		10.40	
89	CLK2 *-		214	1214-70	2		215	1215-50	1	028		4.50	
90	CLR -		110	1110-51	1		210	1210-71	2	028		11.80	
91	CLR -		210	1210-71	2		212	1212- 5	2	028		6.48	
92	CLR -		212	1212- 5	2		213	1213-34	1	028		6.30	
93	CLR *-		105	1105- 4	1		116	1116-33	2	028		8. 0	
94	CLR *-		116	1116-33	2		121	1121-21	2	028		3.46	
95	CLR *-		121	1121-21	2		207	1207-15	2	028		9.64	
96	CLR *-		207	1207-15	2		213	1213-33	2	028		4.80	
97	CLR *-		213	1213-33	2		218	1218-63	1	028		2.78	
98	CLRA -		119	1119-60	1		120	1120- 2	2	028		4.68	
99	CLRA -		120	1120- 2	2		213	1213-71	1	028		15.88	
100	CLRA *-		213	1213-70	1		219	1219-14	1	028		5.28	
101	CLS *-		213	1213-49	1		214	1214-46	1	028		1.10	
102	CLST *-		111	1111-41	1		209	1209-32	2	028		13.52	
103	CLST *-		209	1209-32	2		213	1213-53	1	028		3.72	
104	CMA -		106	1106- 4	1		214	1214-32	1	028		15. 0	
105	CMAB2 -		106	1106-43	1		214	1214-21	1	028		12.28	
106	CMAD *-		106	1106- 2	1		214	1214-26	1	028		14.20	
107	CMAU *-		106	1106- 3	1		214	1214-25	1	028		13.80	
108	CPC -		117	1117- 5	1		214	1214-39	1	028		8. 8	
109	CPCE -		118	1118-69	1		120	1120-48	2	028		4.60	
110	CPCE -		120	1120-48	2		121	1121-68	1	028		4.50	
111	CPCE *-		118	1118-70	1		121	1121-62	1	028		2.20	
112	CPFL *-		111	1111-39	1		115	1115-57	2	028		4.40	
113	CPFL *-		115	1115-57	2		209	1209-47	2	028		7. 0	
114	CPFL *-		209	1209-47	2		211	1211-38	2	028		2.20	
115	CPFL *-		211	1211-38	2		213	1213-32	2	028		6.48	
116	CPFL *-		213	1213-32	2		215	1215- 3	1	028		6.20	
117	CR -		108	1108-35	1		116	1116-64	1	028		4.36	
118	CRCC *-		213	1213-39	1		217	1217-52	1	028		3.40	
119	CREL *-		119	1119-44	1		212	1212-48	1	028		10. 0	
120	CRR *-		116	1116- 6	1		121	1121-47	1	028		2.70	

Burroughs Corporation PROPRIETARY DATA - NOT FOR PUBLICATION D830 System

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070268	X-71593	A	4802-1237	8

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
121	CS *-		213	1213-67	1		214	1214-51	1	028		3.70	
122	CVD -		116	1116-60	1		213	1213-61	1	028		8.60	
123	CVPC -		117	1117- 6	1		214	1214-33	1	028		13.80	
124	CVU -		116	1116-59	1		213	1213-62	1	028		9. 0	
125	CON -		111	1111-44	1		217	1217-57	2	028		11.60	
126	CON -		217	1217-57	2		220	1220-25	2	028		2. 2	
127	CON -		220	1220-25	2		221	1221-71	2	028		2.30	
128	CON -		221	1221-71	2		222	1222-66	1	028		1.50	
129	CONL -		119	1119-10	1		120	1120-47	2	028		0.50	
130	CONL -		120	1120-47	2		220	1220-58	1	028		10. 0	
131	DACK *-		121	1121-66	1		122	1122-25	1	028		1.28	
132	DCLR *-		213	1213-66	1		215	1215- 2	1	028		6. 8	
133	DCMA *-		122	1122-59	1		214	1214- 3	1	028		5.32	
134	DCPC -		121	1121-46	1		214	1214-40	1	028		8. 0	
135	DCV *-		120	1120-70	1		213	1213-41	1	028		4.30	
136	DEL -		108	1108-68	1		121	1121-40	1	028		8.74	
137	DFL *-		108	1108-27	1		122	1122-62	1	028		7. 0	
138	DEND -		117	1117-42	1		121	1121-58	2	028		4. 0	
139	DEND -		121	1121-58	2		122	1122-60	2	028		0.90	
140	DEND -		122	1122-60	2		214	1214-43	2	028		6. 0	
141	DEND -		214	1214-43	2		214	1214-69	1	028		5.20	
142	DEP -		105	1105-46	1		211	1211- 7	2	028		8.48	
143	DEP -		211	1211- 7	2		212	1212-40	2	028		0.90	
144	DEP -		212	1212-40	2		214	1214-67	1	028		5.80	
145	DEOF -		105	1105- 7	1		105	1105-49	2	028		1.40	
146	DEOF -		105	1105-49	2		114	1114- 5	2	028		5.34	
147	DEOF -		114	1114- 5	2		119	1119-52	2	028		3.18	
148	DEOF -		119	1119-52	2		120	1120-26	2	028		2.28	
149	DEOF -		120	1120-26	2		121	1121-48	2	028		3.10	
150	DEOF -		121	1121-48	2		210	1210-16	2	028		10.72	
151	DEOF -		210	1210-16	2		211	1211-69	2	028		3.70	
152	DEOF -		211	1211-69	2		212	1212-42	1	028		5.90	
153	DEOF *-		116	1116-67	1		211	1211-33	2	028		9.12	
154	DEOF *-		211	1211-33	2		212	1212- 4	1	028		6.30	
155	DEOL -		119	1119-58	1		120	1120-13	2	028		2. 8	
156	DEOL -		120	1120-13	2		211	1211-64	2	028		12.68	
157	DEOL -		211	1211-64	2		212	1212-41	1	028		5.10	
158	DFID -		121	1121-22	1		209	1209- 6	2	028		7.84	
159	DFID -		209	1209- 6	2		212	1212-60	2	028		4.12	
160	DFID -		212	1212-60	2		213	1213-58	1	028		0.90	

Burroughs Corporation PROPRIETARY DATA - NOT FOR PUBLICATION D830 System

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070268	X-71593	A	4802-1237	9

SEQUENCE NO	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF DES & TERM	NO OF WIRES		LOGIC PAGE	REF DES & TERM	NO OF WIRES	TYPE	COLOR	LENGTH	
161	DFID *-		117	1117-64	1		121	1121-14	2	028		3.68	
162	DFID *-		121	1121-14	2		122	1122-38	1	028		2.70	
163	DICR *-		119	1119-13	1		120	1120-34	1	028		4.70	
164	DIFID *-		118	1118-23	1		217	1217- 3	2	028		4.30	
165	DIFID *-		217	1217- 3	2		219	1219- 7	2	028		1.32	
166	DIFID *-		219	1219- 7	2		220	1220-50	1	028		1.70	
167	DIP -		105	1105- 8	1		108	1108-33	2	028		5.60	
168	DIP -		108	1108-33	2		122	1122-30	2	028		7.24	
169	DIP -		122	1122-30	2		214	1214-68	2	028		9.88	
170	DIP -		214	1214-68	2		220	1220-24	1	028		3.84	
171	DIP *-		115	1115-50	1		119	1119-67	2	028		4.20	
172	DIP *-		119	1119-67	2		120	1120-52	2	028		3.50	
173	DIP *-		120	1120-52	2		122	1122-47	1	028		1.40	
174	DLR -		121	1121-38	1		122	1122-52	1	028		3.30	
175	DMR -		121	1121-15	2		122	1122-33	2	028		4.10	
176	DMR -		122	1122-33	2		212	1212-16	1	028		6.76	
177	DMR -		110	1110-58	1		121	1121-15	2	028		6.26	
178	DRRA -		122	1122-22	1		211	1211-39	2	028		7.30	
179	DRRA -		211	1211-39	2		212	1212-67	1	028		6.10	
180	DSRD *-		122	1122-70	1		212	1212-52	1	028		6.68	
181	DSR1 -		108	1108- 3	1		110	1110- 8	2	028		1.40	
182	DSR1 -		110	1110- 8	2		119	1119- 8	2	028		4.50	
183	DSR1 -		119	1119- 8	2		207	1207-38	2	028		9. 8	
184	DSR1 -		207	1207-38	2		209	1209-41	1	028		1.24	
185	DSR1 *-		108	1108-51	1		119	1119-22	2	028		6.26	
186	DSR1 *-		119	1119-22	2		208	1208- 8	2	028		7.50	
187	DSR1 *-		208	1208- 8	2		209	1209- 4	2	028		1.30	
188	DSR1 *-		209	1209- 4	2		212	1212-12	1	028		2.20	
189	DSR2 -		108	1108- 4	1		110	1110-10	2	028		1.60	
190	DSR2 -		110	1110-10	2		207	1207-41	2	028		7.48	
191	DSR2 -		207	1207-41	2		209	1209- 5	2	028		1.20	
192	DSR2 -		209	1209- 5	2		212	1212-59	1	028		4.12	
193	DSR2 *-		108	1108-48	1		208	1208-14	2	028		8.40	
194	DSR2 *-		208	1208-14	2		209	1209-43	2	028		1.70	
195	DSR2 *-		209	1209-43	2		212	1212-44	1	028		1.70	
196	DSR3 -		108	1108-61	1		110	1110-11	2	028		3.28	
197	DSR3 -		110	1110-11	2		119	1119-27	2	028		5.78	
198	DSR3 -		119	1119-27	2		207	1207-47	2	028		8. 4	
199	DSR3 -		207	1207-47	2		209	1209-13	2	028		1.60	
200	DSR3 -		209	1209-13	2		212	1212-49	1	028		1.30	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	8802-1181-501	070268	X-71593	A	8802-1237	10

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
201	DSR3 *-		108	1108-47	1		119	1119-43	2	028		5.82	
202	DSR3 *-		119	1119-43	2		121	1121- 4	2	028		1.44	
203	DSR3 *-		121	1121- 4	2		208	1208-47	2	028		11.88	
204	DSR3 *-		208	1208-47	2		209	1209-50	2	028		1.10	
205	DSR3 *-		209	1209-50	2		212	1212- 8	1	028		2.18	
206	DSR4 -		108	1108-62	1		110	1110-44	2	028		4. 0	
207	DSR4 -		110	1110-44	2		207	1207-61	2	028		11.80	
208	DSR4 -		207	1207-61	2		209	1209-39	2	028		4.80	
209	DSR4 -		209	1209-39	2		212	1212- 3	1	028		1.70	
210	DSR4 *-		108	1108-49	1		208	1208-51	2	028		8.20	
211	DSR4 *-		208	1208-51	2		209	1209- 2	1	028		2.88	
212	DSR5 -		108	1108-31	1		110	1110-46	2	028		4.52	
213	DSR5 -		110	1110-46	2		207	1207-62	2	028		11.60	
214	DSR5 -		207	1207-62	2		212	1212-61	1	028		2.70	
215	DSR5 *-		108	1108-50	1		208	1208-44	2	028		6.60	
216	DSR5 *-		208	1208-44	2		212	1212-43	2	028		2.20	
217	DSR5 *-		212	1212-43	2		220	1220-14	1	028		4.76	
218	DSR6 -		108	1108-30	1		110	1110-47	2	028		4.12	
219	DSR6 -		110	1110-47	2		207	1207-68	2	028		12.60	
220	DSR6 -		207	1207-68	2		212	1212-46	1	028		5.40	
221	DSR6 *-		108	1108-16	1		208	1208-49	2	028		7.40	
222	DSR6 *-		208	1208-49	2		212	1212- 2	1	028		3. 8	
223	DST *-		122	1122-28	1		211	1211-35	1	028		11.40	
224	DSWT *-		114	1114-27	1		122	1122-32	2	028		4.40	
225	DSWT *-		122	1122-32	2		212	1212-57	1	028		7.68	
226	DTMRDR*-		114	1114-25	1		122	1122-69	1	028		4.44	
227	DTSA *-		115	1115-61	1		122	1122-35	1	028		4.50	
228	EAN -		111	1111-11	1		221	1221-10	2	028		9.60	
229	EAN -		221	1221-10	2		222	1222-30	2	028		4.50	
230	EAN -		222	1222-30	2		222	1222-63	1	028		0.80	
231	EC1 -		111	1111-46	1		217	1217-67	2	028		13.20	
232	EC1 -		217	1217-67	2		222	1222-57	1	028		3.30	
233	EC2 -		111	1111-47	1		217	1217-33	2	028		13.48	
234	EC2 -		217	1217-33	2		222	1222-58	1	028		3.18	
235	EC3 -		111	1111-12	1		217	1217-28	2	028		12.20	
236	EC3 -		217	1217-28	2		222	1222-59	1	028		2.70	
237	EC4 -		111	1111-13	1		217	1217-64	2	028		11.92	
238	EC4 -		217	1217-64	2		222	1222- 2	1	028		6.28	
239	EC5 -		111	1111-14	1		217	1217-30	2	028		12.20	
240	EC5 -		217	1217-30	2		222	1222-11	1	028		4.80	

Burroughs Corporation PROPRIETARY DATA - NOT FOR PUBLICATION D830 System

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070268	X-71593	A	4802-1237	11

SEQUENCE NO	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
241	EC6 -		1111	1111-48	1		2171	1217-61	2	028		11.60	
242	EC6 -		2171	1217-61	2		2221	1222-40	1	028		5.20	
243	EFID -		1111	1111-10	1		2171	1217-49	2	028		9.52	
244	EFID -		2171	1217-49	2		2191	1219-49	2	028		1. 0	
245	EFID -		2191	1219-49	2		2211	1221-43	2	028		1.60	
246	EFID -		2211	1221-43	2		2221	1222-31	2	028		5. 8	
247	EFID -		2221	1222-31	2		2221	1222-32	1	028		0.20	
248	EFL -		1181	1181-60	1		2201	1220-53	1	028		6.80	
249	EFSP -		1071	1107-32	1		1191	1119-24	1	028		6.64	
250	EFSP *-		1051	1105-44	1		1071	1107-67	2	028		5. 0	
251	EFSP *-		1071	1107-67	2		1191	1119-30	2	028		6.40	
252	EFSP *-		1191	1119-30	2		2201	1220-15	1	028		5.30	
253	EFUN -		1111	1111- 8	1		2201	1220-59	2	028		12.52	
254	EFUN -		2201	1220-59	2		2211	1221-35	2	028		2.68	
255	EFUN -		2211	1221-35	2		2221	1222-27	2	028		2.10	
256	EFUN -		2221	1222-27	2		2221	1222-28	1	028		0.20	
257	EFUN *-		2171	1217-50	1		2221	1222-56	1	028		2.98	
258	ELC -		1121	1112-51	1		2171	1217- 4	1	028		6.68	
259	ELS0 -		2211	1221-66	1		2221	1222-17	1	028		2.88	
260	ELS1 -		2141	1214-28	1		2211	1221-27	2	028		3.70	
261	ELS1 -		2211	1221-27	2		2221	1222-13	1	028		3.30	
262	ELS2 -		2211	1221-26	1		2221	1222-12	1	028		3.30	
263	ELS3 -		2211	1221- 7	1		2221	1222-14	1	028		1.90	
264	ELS4 -		2211	1221-24	1		2221	1222-62	1	028		0.70	
265	ELS5 -		2211	1221-22	1		2221	1222-61	1	028		0.90	
266	ELS6 -		2211	1221-17	1		2221	1222-60	1	028		1.70	
267	ELS7 -		2141	1214-13	1		2211	1221-40	2	028		4. 2	
268	ELS7 -		2211	1221-40	2		2221	1222-23	1	028		4. 8	
269	EMS0 -		2211	1221-44	1		2221	1222-16	1	028		1.88	
270	EMS1 -		2211	1221- 8	1		2221	1222-15	1	028		1.90	
271	EMS2 -		2211	1221-58	1		2221	1222-50	1	028		2.10	
272	EMS3 -		2211	1221-13	1		2221	1222-48	1	028		0.50	
273	EMS4 -		2211	1221-50	1		2221	1222-49	1	028		0.70	
274	EMS5 -		2211	1221-38	1		2221	1222-51	1	028		3.10	
275	EMS6 -		2211	1221- 6	1		2221	1222-46	1	028		1.10	
276	EMS7 -		2211	1221-42	1		2221	1222-47	1	028		1.50	
277	ENDD -		1191	1119-32	1		1211	1121- 2	1	028		6.40	
278	ENDR *-		1141	1114-47	1		1221	1122-66	1	028		5.52	
279	EN1 -		1111	1111-64	1		2081	1208-11	2	028		4.92	
280	EN1 -		2081	1208-11	2		2101	1210-57	2	028		2.32	

Burroughs Corporation PROPRIETARY DATA - NOT FOR PUBLICATION D830 System

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	8802-1181-501	070268	X-71593	A	8802-1237	12

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
281	EN1 -		210	1210-57	2		211	1211-49	1	028		2.10	
282	EN2 -		111	1111-23	1		208	1208-12	2	028		6.20	
283	EN2 -		208	1208-12	2		210	1210-69	1	028		4.52	
284	EN3 -		111	1111-24	1		208	1208-21	2	028		7.80	
285	EN3 -		208	1208-21	2		210	1210-68	1	028		2.52	
286	EPCR *-		122	1122-31	1		211	1211-67	1	028		10. 8	
287	ESP -		112	1112-33	1		219	1219-22	1	028		7. 0	
288	ESS *-		217	1217-40	1		219	1219-23	1	028		4.28	
289	EOC -		112	1112-52	1		121	1121-27	2	028		5.58	
290	EOC -		121	1121-27	2		122	1122-49	1	028		3.10	
291	EOCA -		116	1116-62	1		121	1121-52	1	028		3.30	
292	EOCT -		112	1112-71	1		122	1122-46	1	028		7. 0	
293	EOF -		118	1118-34	1		218	1218-67	1	028		7.40	
294	EOL -		119	1119- 6	1		119	1119-70	2	028		5.80	
295	EOL -		119	1119-70	2		121	1121-35	2	028		1.40	
296	EOL -		121	1121-35	2		214	1214- 4	1	028		4.14	
297	EOL *-		120	1120-22	1		121	1121-34	1	028		2.90	
298	EOLD -		108	1108-70	1		121	1121- 5	1	028		9. 2	
299	EOM -		119	1119-53	1		214	1214-64	2	028		11. 0	
300	EOM -		214	1214-64	2		218	1218-48	2	028		4. 0	
301	EOM -		218	1218-48	2		220	1220-62	2	028		3.20	
302	EOM -		220	1220-52	1		220	1220-62	2	028		2. 0	
303	EOMS -		209	1209-48	1		218	1218-52	1	028		4.82	
304	EOP *-		105	1105-64	1		119	1119-49	2	028		8.20	
305	EOP *-		119	1119-49	2		120	1120-58	2	028		2.30	
306	EOP *-		120	1120-58	2		220	1222-69	1	028		10.40	
307	EOT -		110	1110-68	1		112	1112-50	2	028		4. 0	
308	EOT -		112	1112-50	2		217	1217- 6	2	028		7.28	
309	EOT -		217	1217- 6	2		219	1219-47	1	028		1.32	
310	EOT *-		105	1105-58	1		112	1112-49	2	028		4.22	
311	EOT *-		112	1112-49	2		120	1120-57	2	028		4.64	
312	EOT *-		120	1120-57	2		221	1221-70	1	028		10.90	
313	E7 -		105	1105-63	1		221	1221- 4	1	028		9.48	
314	FCCH *-		119	1119- 7	1		213	1213- 2	1	028		8. 0	
315	FIDE *-		218	1218-14	1		219	1219- 6	1	028		2.10	
316	FISC -		115	1115- 2	1		211	1211-10	2	028		10.20	
317	FISC -		211	1211-10	2		213	1213-35	1	028		5.40	
318	FII -		105	1105-26	1		221	1221- 5	1	028		9.44	
319	FLRID -		211	1211-23	1		215	1215-51	1	028		2.44	
320	FSTL *-		120	1120-31	1		121	1121-28	1	028		1.10	

Burroughs Corporation PROPRIETARY DATA - NOT FOR PUBLICATION D830 System

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070268	X-71593	A	4802-1237	13

SEQUENCE NO	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF DES & TERM	NO OF WIRES		LOGIC PAGE	REF DES & TERM	NO OF WIRES	TYPE	COLOR	LENGTH	
321	FUNL -		210	1210- 7	1		211	1211-12	2	028		1.50	
322	FUNL -		211	1211-12	2		220	1220-33	1	028		6.18	
323	FUNL *-		105	1105-41	1		215	1215-43	2	028		10.20	
324	FUNL *-		215	1215-43	2		220	1220-34	1	028		6.48	
325	FUN4 -		214	1214-60	1		214	1214-62	2	028		0.40	
326	FUN4 -		214	1214-62	2		221	1221-63	1	028		3.70	
327	GEPF *-		115	1115-21	1		209	1209-25	1	028		9.80	
328	GFID -		115	1115-42	1		209	1209-58	1	028		12.20	
329	GPCR *-		122	1122-50	1		213	1213-10	2	028		8.72	
330	GPCR *-		213	1213-10	2		214	1214-44	1	028		0.70	
331	GRD -		215	1215- 1	1		215	1215- 4	1	028		0.60	
332	GRD1119-		119	1119- 1	1		119	1119-68	1	028		6.40	
333	GRXMT -		210	1210-50	1		219	1219-35	1	028		6.38	
334	GRXMT *-		210	1210-10	1		218	1218-12	1	028		4.40	
335	HCPY -		110	1110-31	1		119	1119-66	2	028		4.50	
336	HCPY -		119	1119-66	2		209	1209-22	1	028		8.12	
337	HPCE -		110	1110-32	1		118	1118-68	1	028		3.80	
338	HP1 -		110	1110-12	1		117	1117- 8	2	028		3.82	
339	HP1 -		117	1117- 8	2		118	1118-64	1	028		4.30	
340	HP1 *-		117	1117-11	1		118	1118-27	1	028		3.70	
341	HP2 -		105	1105- 3	1		110	1110-13	2	028		3.30	
342	HP2 -		110	1110-13	2		117	1117-44	2	028		3.70	
343	HP2 -		117	1117-44	2		118	1118-26	1	028		3.88	
344	HP2 *-		117	1117-47	1		118	1118-28	1	028		3.68	
345	HP3 -		110	1110-14	1		117	1117-49	2	028		3.50	
346	HP3 -		117	1117-49	2		118	1118-22	1	028		2. 8	
347	HP3 *-		117	1117-16	1		118	1118-21	1	028		1.50	
348	HP4 -		110	1110-48	1		117	1117-13	2	028		3.90	
349	HP4 -		117	1117-13	2		118	1118-57	1	028		1.90	
350	HP4 *-		117	1117-52	1		118	1118-58	1	028		1.70	
351	HP5 -		105	1105-33	1		110	1110-49	2	028		4.92	
352	HP5 -		110	1110-49	2		117	1117-21	2	028		4.34	
353	HP5 -		117	1117-21	2		118	1118-66	1	028		2.10	
354	HP5 *-		117	1117-23	1		118	1118-67	1	028		1.90	
355	HP52 -		105	1105-42	1		116	1116-66	2	028		7.42	
356	HP52 -		116	1116-66	2		117	1117-60	2	028		1.70	
357	HP52 -		117	1117-60	2		121	1121-60	1	028		2. 0	
358	HP52 *-		117	1117-24	1		119	1119-48	1	028		2.72	
359	HP6 -		105	1105-38	1		110	1110-50	2	028		3.46	
360	HP6 -		110	1110-50	2		117	1117-57	2	028		4. 6	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070268	X-71593	A	4802-1237	14

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
361	HP6 -		117	1117-57	2		118	1118-62	1	028		1.50	
362	HP6 *-		117	1117-59	1		118	1118-63	1	028		1.30	
363	IB1 -		215	1215-34	1		217	1217-70	1	028		0.80	
364	IB2 -		215	1215-35	1		217	1217-68	1	028		1. 4	
365	IB3 -		215	1215-67	1		217	1217-27	1	028		1.52	
366	IB4 -		215	1215-68	1		217	1217-62	1	028		1.60	
367	IB5 -		215	1215-23	1		217	1217-66	1	028		1.72	
368	IB6 -		215	1215-60	1		217	1217-63	1	028		1.24	
369	ICCP *-		114	1114-64	1		213	1213- 8	1	028		4.10	
370	ICP *-		120	1120-35	1		213	1213-59	1	028		6.88	
371	IC1T1 *-		114	1114-69	1		214	1214-11	1	028		3.60	
372	IC1T7 *-		114	1114-62	1		115	1115-16	2	028		2.28	
373	IC1T7 *-		115	1115-16	2		217	1217-34	1	028		11.80	
374	IC2T1 *-		114	1114-52	1		210	1210-30	2	028		11.32	
375	IC2T1 *-		210	1210-30	2		214	1214-12	1	028		4.40	
376	IC2T2 *-		114	1114-58	1		115	1115-60	1	028		0.90	
377	IC2T7 *-		114	1114-23	1		115	1115-58	1	028		0.50	
378	IDCOR -		209	1209-14	1		211	1211-24	1	028		2.40	
379	IDA -		121	1121-25	1		211	1211-34	2	028		11.60	
380	IDA -		211	1211-34	2		220	1220-26	1	028		5.14	
381	IDEOR -		209	1209-42	1		211	1211-43	1	028		1.20	
382	ID1 -		108	1108-43	1		207	1207-39	2	028		7.50	
383	ID1 -		207	1207-39	2		209	1209-68	2	028		6.20	
384	ID1 -		209	1209-68	2		217	1217-14	1	028		5.64	
385	ID11 *-		119	1119-39	1		120	1120-40	2	028		0.70	
386	ID11 *-		120	1120-40	2		215	1215-27	1	028		13.32	
387	ID11A -		119	1119- 4	1		120	1120-39	2	028		0.50	
388	ID11A -		120	1120-39	2		211	1211- 3	2	028		9.52	
389	ID11A -		211	1211- 3	2		215	1215-28	1	028		5.80	
390	ID11B -		111	1111-71	1		209	1209-40	2	028		2. 0	
391	ID11B -		209	1209-40	2		215	1215-30	1	028		6.48	
392	ID12 *-		119	1119- 3	1		120	1120- 4	2	028		0.70	
393	ID12 *-		120	1120- 4	2		215	1215-33	1	028		14.60	
394	ID12A -		119	1119-40	1		120	1120-42	2	028		0.90	
395	ID12A -		120	1120-42	2		211	1211- 4	2	028		9.12	
396	ID12A -		211	1211- 4	2		215	1215-64	1	028		5.52	
397	ID12B -		111	1111-30	1		209	1209-44	2	028		3.88	
398	ID12B -		209	1209-44	2		215	1215-31	1	028		5.88	
399	ID13 *-		120	1120- 8	1		215	1215-63	1	028		12.68	
400	ID13A -		111	1111-31	1		120	1120-46	2	028		5.98	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070268	X-71593	A	4802-1237	15

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
401	ID13A -		120	1120-46	2		211	1211- 6	2	028		8.72	
402	ID13A -		211	1211- 6	2		215	1215-62	1	028		4.72	
403	ID13B -		209	1209-49	1		215	1215-61	1	028		3.96	
404	ID14 -		111	1111-32	1		119	1119-11	2	028		5.80	
405	ID14 -		119	1119-11	2		120	1120-68	2	028		4.50	
406	ID14 -		120	1120-68	2		209	1209-38	2	028		6.22	
407	ID14 -		209	1209-38	2		211	1211- 5	2	028		1.44	
408	ID14 -		211	1211- 5	2		215	1215-25	1	028		4.80	
409	ID15 -		107	1107-63	1		111	1111-66	2	028		2.24	
410	ID15 -		111	1111-66	2		209	1209-34	2	028		8.92	
411	ID15 -		209	1209-34	2		215	1215-66	1	028		3.12	
412	ID16 -		111	1111-67	1		209	1209-71	2	028		9. 0	
413	ID16 -		209	1209-71	2		215	1215-57	1	028		4.12	
414	ID2 -		108	1108-42	1		207	1207-42	2	028		8.30	
415	ID2 -		207	1207-42	2		209	1209-17	2	028		2.68	
416	ID2 -		209	1209-17	2		217	1217- 2	1	028		5.20	
417	ID21 -		111	1111-68	1		209	1209-31	2	028		7.92	
418	ID21 -		209	1209-31	2		215	1215-10	1	028		5.40	
419	ID22 -		111	1111-15	1		209	1209-26	2	028		10.40	
420	ID22 -		209	1209-26	2		215	1215-11	1	028		4.20	
421	ID24 -		111	1111-17	1		209	1209-62	2	028		10. 8	
422	ID24 -		209	1209-62	2		215	1215- 8	1	028		4.88	
423	ID25 -		111	1111-26	1		209	1209-67	2	028		9.28	
424	ID25 -		209	1209-67	2		215	1215-44	1	028		5.80	
425	ID26 -		111	1111-27	1		209	1209-69	2	028		9.48	
426	ID26 -		209	1209-69	2		215	1215- 7	1	028		6.48	
427	ID3 -		108	1108-44	1		114	1114-41	2	028		3.24	
428	ID3 -		114	1114-41	2		207	1207-48	2	028		10.60	
429	ID3 -		207	1207-48	2		209	1209-60	1	028		2.80	
430	ID3 *-		114	1114- 6	1		217	1217-13	1	028		9.80	
431	ID33 -		111	1111-16	1		209	1209-21	2	028		9.20	
432	ID33 -		209	1209-21	2		215	1215-12	1	028		3.72	
433	ID4 -		108	1108- 8	1		207	1207-60	2	028		11.28	
434	ID4 -		207	1207-60	2		209	1209-56	2	028		1.32	
435	ID4 -		209	1209-56	2		217	1217-12	1	028		4.84	
436	ID5 -		108	1108-57	1		114	1114-42	2	028		4.20	
437	ID5 -		114	1114-42	2		207	1207-63	2	028		13.40	
438	ID5 -		207	1207-63	2		209	1209-61	1	028		1.40	
439	ID5 *-		114	1114- 7	1		217	1217-11	1	028		9.20	
440	ID6 -		108	1108-22	1		207	1207-69	2	028		10.28	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070268	X-71593	A	4802-1237	16

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
441	ID6 -		207	1207-69	2		209	1209-24	2	028		2.28	
442	ID6 -		209	1209-24	2		217	1217-10	1	028		5.12	
443	IFIT1 *-		115	1115-22	1		214	1214- 8	1	028		5.50	
444	IFIT2 *-		115	1115-24	1		213	1213- 5	1	028		4.40	
445	IFIT3 *-		114	1114-35	1		115	1115- 4	1	028		6.70	
446	IFIT4 *-		114	1114-34	1		115	1115- 6	2	028		6.10	
447	IFIT4 *-		115	1115- 6	2		209	1209-35	2	028		14.80	
448	IFIT4 *-		209	1209-35	2		210	1210-31	2	028		1.30	
449	IFIT4 *-		210	1210-31	2		213	1213-31	2	028		1.50	
450	IFIT4 *-		213	1213-31	2		214	1214- 5	1	028		5.70	
451	IHD -		210	1210-64	1		213	1213-69	2	028		1.90	
452	IHD -		213	1213-69	2		219	1219-62	1	028		3.56	
453	IIRE -		111	1111- 6	1		218	1218-23	1	028		12.60	
454	INSERT -		119	1119-35	1		120	1120-32	2	028		1.10	
455	INSERT -		120	1120-32	2		212	1212-63	1	028		8.48	
456	INSERT*-		116	1116- 4	1		120	1120-69	1	028		6.52	
457	IPE *-		217	1217-39	1		218	1218-61	1	028		4.90	
458	IPNA *-		214	1214-35	1		218	1218-50	1	028		4.92	
459	IRF -		110	1110-52	1		217	1217-25	2	028		11. 8	
460	IRF -		217	1217-25	2		218	1218-42	1	028		4.10	
461	IR7 -		217	1217-22	1		218	1218-49	1	028		2.10	
462	ISA *-		105	1105-62	1		211	1211-60	1	028		8.60	
463	ISF -		219	1219-42	1		220	1220-42	1	028		0.50	
464	ISFA -		111	1111-70	1		215	1215-32	2	028		8.28	
465	ISFA -		215	1215-32	2		219	1219-39	1	028		6.52	
466	KBL -		111	1111-34	1		208	1208- 2	2	028		2. 6	
467	KBL -		208	1208- 2	2		211	1211-63	2	028		5.52	
468	KBL -		211	1211-63	2		219	1219-38	2	028		6.60	
469	KBL -		219	1219-38	2		220	1220-68	1	028		6.50	
470	KBL *-		211	1211-41	1		217	1217-15	2	028		4. 0	
471	KBL *-		217	1217-15	2		219	1219- 5	2	028		2.40	
472	KBL *-		219	1219- 5	2		220	1220-69	1	028		5.90	
473	KIC1 *-		114	1114-46	1		211	1211-26	1	028		11.52	
474	KRC1 *-		114	1114- 4	1		211	1211-61	1	028		12.68	
475	LCMP *-		120	1120-21	1		121	1121-24	1	028		1.10	
476	LCR -		120	1120-51	1		221	1221- 2	1	028		5.48	
477	LD -		211	1211-17	1		220	1220-64	1	028		5.18	
478	LICR *-		114	1114-28	1		120	1120-38	2	028		6.32	
479	LICR *-		120	1120-38	2		212	1212-47	1	028		11.20	
480	LI41 *-		105	1105-30	1		119	1119-71	1	028		7.20	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070268	X-71593	A	4802-1237	17

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
481	LNPF -		105	1105-71	1		218	1218-43	1	028		7.38	
482	LPF1 -		105	1105-67	1		110	1110-30	2	028		2.90	
483	LPF1 -		110	1110-30	2		221	1221-39	2	028		6.26	
484	LPF1 -		221	1221-39	2		222	1222-70	1	028		6.70	
485	LRIDR -		120	1120-33	1		210	1210- 8	2	028		6.12	
486	LRIDR -		210	1210- 8	2		211	1211-25	2	028		3.90	
487	LRIDR -		211	1211-25	2		220	1220-38	1	028		6.32	
488	LRIDR *-		211	1211-59	1		220	1220-12	1	028		5.58	
489	LS0 -		106	1106-58	1		107	1107-69	1	028		2.70	
490	LS1 -		106	1106-57	1		107	1107-35	1	028		3. 8	
491	LOADA -		119	1119-63	1		217	1217- 7	2	028		4.12	
492	LOADA -		217	1217- 7	2		218	1218- 2	1	028		1.50	
493	LOADB -		119	1119-62	1		217	1217- 8	2	028		4.52	
494	LOADB -		217	1217- 8	2		218	1218-39	1	028		1.30	
495	MAXA -		107	1107-34	1		119	1119-34	2	028		6. 0	
496	MAXA -		119	1119-34	2		210	1210-32	2	028		9.20	
497	MAXA -		210	1210-32	2		213	1213-30	2	028		1.90	
498	MAXA -		213	1213-30	2		214	1214-66	2	028		0.30	
499	MAXA -		214	1214-66	2		218	1218-70	1	028		2.32	
500	MAXA *-		107	1107-62	1		115	1115- 5	1	028		5.88	
501	MA1 -		106	1106-49	1		107	1107-43	2	028		1.70	
502	MA1 -		107	1107-43	2		110	1110-15	1	028		2.34	
503	MA1 *-		106	1106-64	1		107	1107-13	1	028		3.28	
504	MA10 -		106	1106-34	1		107	1107-50	2	028		4.30	
505	MA10 -		107	1107-50	2		110	1110-23	1	028		2.48	
506	MA10 *-		106	1106-35	1		107	1107-47	1	028		5.10	
507	MA2 -		106	1106-48	1		107	1107-38	2	028		2.50	
508	MA2 -		107	1107-38	2		110	1110-16	1	028		3.48	
509	MA2 *-		106	1106-47	1		107	1107-57	1	028		2.50	
510	MA3 -		106	1106-15	1		107	1107-41	2	028		2.30	
511	MA3 -		107	1107-41	2		110	1110-17	2	028		3. 8	
512	MA3 -		110	1110-17	2		210	1210-66	1	028		10.60	
513	MA3 *-		106	1106-16	1		107	1107-30	1	028		3.30	
514	MA4 -		106	1106-50	1		107	1107-26	2	028		2.68	
515	MA4 -		107	1107-26	2		110	1110-26	1	028		1.50	
516	MA4 *-		106	1106-14	1		107	1107-28	1	028		3.30	
517	MA5 -		106	1106-24	1		107	1107-25	2	028		0.70	
518	MA5 -		107	1107-25	2		110	1110-27	1	028		1.90	
519	MA5 *-		106	1106-17	1		107	1107-27	1	028		2.50	
520	MA6 -		106	1106-23	1		107	1107-14	2	028		2.30	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	8802-1181-501	070268	X-71593	A	8802-1237	18

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
521	MA6 -		107	1107-14	2		110	1110-28	1	028		3.40	
522	MA6 *-		106	1106-25	1		107	1107-24	1	028		0.70	
523	MA7 -		106	1106-27	1		107	1107-42	2	028		4.50	
524	MA7 -		107	1107-42	2		110	1110-62	1	028		4.60	
525	MA7 *-		106	1106-26	1		107	1107-61	1	028		0.50	
526	MA769 -		105	1105-10	1		107	1107-71	1	028		5.32	
527	MA8 -		106	1106-31	1		107	1107-60	2	028		1.70	
528	MA8 -		107	1107-60	2		110	1110-63	1	028		1.74	
529	MA8 *-		106	1106-62	1		107	1107-39	1	028		5.10	
530	MA869 -		105	1105- 6	1		107	1107-70	1	028		5.92	
531	MA9 -		106	1106-32	1		107	1107-51	2	028		3.70	
532	MA9 -		107	1107-51	2		110	1110-64	1	028		3.20	
533	MA9 *-		106	1106-33	1		107	1107-49	1	028		4.30	
534	MA920 -		105	1105-61	1		107	1107-68	1	028		1.80	
535	MCLR -		122	1122-67	1		211	1211-21	2	028		7.92	
536	MCLR -		211	1211-21	2		213	1213-46	1	028		2.52	
537	MCY -		212	1212-10	1		214	1214-48	1	028		1.20	
538	MEMT -		114	1114-59	1		212	1212- 7	1	028		4.92	
539	MEMT *-		105	1105-28	1		111	1111- 4	2	028		6. 0	
540	MEMT *-		111	1111- 4	2		114	1114-21	2	028		4. 0	
541	MEMT *-		114	1114-21	2		114	1114-63	2	028		1.40	
542	MEMT *-		114	1114-63	2		121	1121-31	2	028		4. 2	
543	MEMT *-		121	1121-31	2		122	1122-15	1	028		3.70	
544	MIB1 -		203	1203-71	1		208	1208-25	1	028		3.50	
545	MIB2 -		203	1203-70	1		208	1208- 5	1	028		6.88	
546	MIB3 -		203	1203-69	1		208	1208-41	1	028		6.60	
547	MIB4 -		203	1203-68	1		208	1208-42	1	028		6.20	
548	MIB5 -		203	1203-67	1		208	1208-58	1	028		3.22	
549	MIB6 -		203	1203-66	1		208	1208-39	1	028		6.40	
550	MR -		104	1104- 2	1		212	1212-70	1	028		15.72	
551	MR1 -		108	1108-10	1		111	1111-25	2	028		3.60	
552	MR1 -		111	1111-25	2		209	1209-30	1	028		9.20	
553	MR2 -		108	1108-52	1		111	1111-59	2	028		2. 6	
554	MR2 -		111	1111-59	2		209	1209-27	1	028		8.92	
555	MR3 -		108	1108-46	1		111	1111-60	2	028		3.40	
556	MR3 -		111	1111-60	2		209	1209-66	1	028		9.40	
557	MR4 -		108	1108-53	1		111	1111-61	2	028		2.20	
558	MR4 -		111	1111-61	2		209	1209-28	1	028		8.72	
559	MR5 -		108	1108-58	1		111	1111-20	2	028		2.10	
560	MR5 -		111	1111-20	2		209	1209-64	1	028		9.88	

Burroughs Corporation PROPRIETARY DATA - NOT FOR PUBLICATION D830 System

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070268	X-71593	A	4802-1237	19

SEQUENCE NO.	SIGNAL NAME		WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
				LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
561	MR6	-		108	1108-59	1		111	1111-21	2	028		2.10	
562	MR6	-		111	1111-21	2		209	1209-63	1	028		9.48	
563	MV	-		106	1106-67	1		220	1220-70	1	028		11.20	
564	NL	*-		119	1119-12	1		120	1120-16	1	028		1.30	
565	PCE	-		105	1105-48	1		110	1110-66	2	028		4.60	
566	PCE	-		110	1110-66	2		116	1116-34	2	028		3.52	
567	PCE	-		116	1116-34	2		118	1118-59	2	028		2.52	
568	PCE	-		118	1118-59	2		119	1119-14	2	028		2. 8	
569	PCE	-		119	1119-14	2		120	1120-66	2	028		3.50	
570	PCE	-		120	1120-66	2		220	1220-30	1	028		8. 0	
571	PCH2	-		111	1111-62	1		114	1114-13	2	028		3.28	
572	PCH2	-		114	1114-13	2		211	1211-50	1	028		8.68	
573	PCH2	*-		114	1114-66	1		215	1215-46	1	028		4.30	
574	PCR	*-		122	1122-51	1		213	1213-51	1	028		9.60	
575	PDEL	-		119	1119-16	1		212	1212-53	1	028		9.48	
576	PFB	-		122	1122-53	1		209	1209-46	2	028		9. 6	
577	PFB	-		209	1209-46	2		214	1214-61	1	028		4. 0	
578	PFD	-		107	1107-15	1		115	1115-23	2	028		4.64	
579	PFD	-		115	1115-23	2		211	1211- 2	2	028		4.40	
580	PFD	-		211	1211- 2	2		220	1220-47	1	028		5. 2	
581	PIC1	*-		114	1114-14	1		211	1211-70	1	028		12.48	
582	PIC12	*-		114	1114-48	1		211	1211-71	1	028		13. 0	
583	PRC1	*-		114	1114- 3	1		211	1211-22	1	028		12.20	
584	PTD	-		107	1107-64	1		115	1115-13	2	028		5.40	
585	PTD	-		115	1115-13	2		116	1116-30	1	028		3.90	
586	PTD	*-		107	1107-33	1		116	1116- 5	1	028		7.40	
587	PT1	*-		115	1115-12	1		214	1214- 2	1	028		6.30	
588	PT2	*-		114	1114-60	1		115	1115-49	1	028		2.70	
589	PUSH	-		115	1115-51	1		116	1116- 2	2	028		2.88	
590	PUSH	-		116	1116- 2	2		212	1212- 6	1	028		9.40	
591	PUSR	-		115	1115-41	1		122	1122-57	1	028		4.78	
592	RCCP	-		114	1114-68	1		211	1211-53	1	028		5.40	
593	RCHA	-		111	1111-35	1		213	1213-57	2	028		5.32	
594	RCHA	-		213	1213-57	2		220	1220-23	1	028		4.10	
595	RCHA	*-		211	1211-44	1		220	1220-57	1	028		5.54	
596	RCHP	-		118	1118-48	1		213	1213- 4	1	028		7.12	
597	RCP	*-		112	1112-70	1		122	1122-43	2	028		7.40	
598	RCP	*-		122	1122-43	2		208	1208-57	2	028		13.40	
599	RCP	*-		208	1208-57	2		211	1211-16	1	028		2.10	
600	RCR-1	-		101	1101- 8	1		103	1103-71	1	028		5.72	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	8802-1181-501	070268	X-71593	A	8802-1237	20

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
601	RCR-2 -		103	1103-70	1		201	1201- 8	1	028		2.92	
602	RCVP -		116	1116-50	1		213	1213- 7	1	028		6.92	
603	RCVS -		111	1111- 5	1		218	1218-13	1	028		10.80	
604	RC12 -		114	1114-40	1		213	1213-38	1	028		7.90	
605	RD -		107	1107-58	1		212	1212-69	1	028		11. 0	
606	RDCR -		116	1116-71	1		121	1121-11	1	028		5.88	
607	RDP -		103	1103-59	1		212	1212-33	1	028		11.68	
608	REOMS -		115	1115-53	1		209	1209-15	2	028		8.52	
609	REOMS -		209	1209-15	2		218	1218-58	1	028		4.86	
610	REOP -		105	1105-11	1		218	1218-69	1	028		14.72	
611	RHPC -		117	1117- 4	1		214	1214- 7	1	028		9. 0	
612	RIDR *-		114	1114-70	1		211	1211-27	1	028		6.92	
613	RIN -		120	1120-67	1		217	1217-35	1	028		9.12	
614	RIP -		111	1111-28	1		218	1218-30	1	028		9.60	
615	RIP *-		218	1218-40	1		219	1219-28	1	028		5. 8	
616	RIR -		217	1217-53	1		218	1218-59	1	028		1.70	
617	RIS -		118	1118-71	1		215	1215-14	2	028		4.12	
618	RIS -		215	1215-14	2		220	1220-39	1	028		3.18	
619	RKI -		211	1211- 8	1		212	1212-68	1	028		5.10	
620	RKSR -		122	1122-21	1		208	1208-68	2	028		12.88	
621	RKSR -		208	1208-68	2		211	1211-14	2	028		4.28	
622	RKSR -		211	1211-14	2		213	1213-14	2	028		1. 0	
623	RKSR -		213	1213-14	2		220	1220-46	1	028		3.62	
624	RLD -		211	1211-48	1		220	1220-63	1	028		5.70	
625	RLIP -		111	1111-49	1		215	1215-70	2	028		12.80	
626	RLIP -		215	1215-70	2		220	1220- 4	1	028		7. 8	
627	RLIP *-		215	1215-38	1		220	1220-71	1	028		7.60	
628	RMA *-		106	1106-10	1		117	1117- 2	2	028		6.14	
629	RMA *-		117	1117- 2	2		214	1214-50	1	028		10.88	
630	RMA-1 -		101	1101- 7	1		104	1104-49	1	028		1.78	
631	RMA-1D -		101	1101-43	1		104	1104-13	1	028		2.18	
632	RMA-2 -		104	1104-50	1		201	1201- 7	1	028		6.92	
633	RMA-2D -		104	1104-14	1		201	1201-43	1	028		7. 8	
634	RMB-1 -		101	1101- 2	1		104	1104-48	1	028		2.52	
635	RMB-1D -		101	1101-38	1		104	1104-12	1	028		2.68	
636	RMB-2 -		104	1104-51	1		201	1201- 2	1	028		5.72	
637	RMB-2D -		104	1104-15	1		201	1201-38	1	028		5.88	
638	RPAC -		119	1119-41	1		120	1120-71	1	028		6.50	
639	RPTZ -		114	1114-44	1		115	1115-43	2	028		0.70	
640	RPTZ -		115	1115-43	2		116	1116-68	2	028		5.50	

Burroughs Corporation PROPRIETARY DATA - NOT FOR PUBLICATION D830 System

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070268	X-71593	A	4802-1237	21

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
641	RPTZ -		116	1116-68	2		121	1121-12	1	028		5. 8	
642	RSTM -		114	1114- 8	1		212	1212-14	1	028		9.40	
643	RTM -		209	1209-57	1		219	1219-25	1	028		5.52	
644	RXMIT *-		118	1118-32	1		210	1210- 6	1	028		5. 4	
645	SA1 -		204	1204-63	1		209	1209-51	1	028		3.46	
646	SA2 -		204	1204-62	1		209	1209-33	1	028		3.26	
647	SA3 -		204	1204-61	1		209	1209-59	1	028		2.90	
648	SA4 -		204	1204-60	1		209	1209-23	1	028		2.90	
649	SA5 -		204	1204-59	1		209	1209-52	1	028		3. 6	
650	SA6 -		204	1204-58	1		209	1209-16	1	028		3.18	
651	SBIF -		105	1105-15	1		210	1210-24	1	028		10.60	
652	SCH -		110	1110-53	1		121	1121-61	2	028		6.14	
653	SCH -		121	1121-61	2		211	1211-46	2	028		6.92	
654	SCH -		211	1211-46	2		213	1213-23	1	028		3. 8	
655	SCH *-		112	1112-69	1		121	1121- 3	2	028		7.88	
656	SCH *-		121	1121- 3	2		122	1122-26	2	028		5.10	
657	SCH *-		122	1122-26	2		211	1211-11	1	028		7.42	
658	SCHL -		111	1111-50	1		118	1118-33	2	028		5.28	
659	SCHL -		118	1118-33	2		211	1211-31	2	028		8.80	
660	SCHL -		211	1211-31	2		220	1220-40	1	028		7.12	
661	SCLR -		213	1213-68	1		214	1214-59	1	028		2.30	
662	SCYL *-		111	1111- 3	1		112	1112-68	1	028		6.10	
663	SDRF -		105	1105-23	1		210	1210-62	1	028		9.32	
664	SDOT -		121	1121-42	1		220	1220-13	1	028		9.50	
665	SDOT *-		121	1121-41	1		220	1220-11	1	028		9.30	
666	SEN1 -		114	1114-38	1		210	1210-70	1	028		15. 0	
667	SEPF2 *-		119	1119-57	1		208	1208-24	1	028		10.52	
668	SFTD -		217	1217-44	1		218	1218- 4	1	028		1. 8	
669	SFO -		207	1207- 8	1		214	1214-63	1	028		5.12	
670	SFOR -		207	1207-16	1		210	1210-51	1	028		1.50	
671	SICR -		114	1114-53	1		217	1217-16	1	028		8.28	
672	SISF -		215	1215-71	1		217	1217-71	1	028		1. 0	
673	SLD1 *-		114	1114-39	1		209	1209-11	1	028		10.32	
674	SLD2 *-		114	1114-15	1		209	1209-10	1	028		7.80	
675	SMV4 *-		106	1106-68	1		209	1209- 8	1	028		3.68	
676	SRL -		219	1219-52	1		220	1220- 8	1	028		1.88	
677	SSP *-		121	1121-69	1		211	1211-51	1	028		6.68	
678	SST *-		121	1121-59	1		122	1122-58	2	028		0.70	
679	SST *-		122	1122-58	2		211	1211-52	2	028		8.80	
680	SST *-		211	1211-52	2		214	1214-38	1	028		3.40	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	8802-1181-501	070268	X-71593	A	8802-1237	22

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
681	SSY *-		120	1120-49	1		121	1121-53	1	028		1.30	
682	STD -		105	1105-21	1		121	1121-26	2	028		8.40	
683	STD -		121	1121-26	2		122	1122-24	2	028		0.90	
684	STD -		122	1122-24	2		214	1214-30	1	028		10.60	
685	STD *-		114	1114-61	1		122	1122-23	2	028		4.60	
686	STD *-		122	1122-23	2		214	1214-57	1	028		9. 8	
687	STM -		107	1107-66	1		210	1210-47	2	028		4.60	
688	STM -		210	1210-47	2		219	1219-71	1	028		6.60	
689	STM *-		107	1107-31	1		214	1214- 6	1	028		4.62	
690	SYIP -		118	1118-30	1		121	1121- 7	1	028		5.20	
691	SYIP *-		121	1121-10	1		122	1122-27	1	028		3.90	
692	SOF -		218	1218-41	1		219	1219-10	2	028		1.28	
693	SOF -		219	1219-10	2		220	1220-67	1	028		4.50	
694	SOF *-		215	1215-47	1		218	1218-53	1	028		1.98	
695	SOR7 -		115	1115-35	1		208	1208-26	1	028		7.40	
696	S30S -		111	1111-69	1		113	1113- 7	2	028		5.68	
697	S30S -		113	1113- 7	2		219	1219-24	1	028		12.40	
698	TB10R -		115	1115-67	1		207	1207-51	2	028		6.20	
699	TB10R -		207	1207-51	2		210	1210-61	1	028		2.60	
700	TD -		115	1115-71	1		216	1216- 5	1	028		2. 8	
701	TDDS *-		108	1108-64	1		114	1114-33	1	028		3.60	
702	TDRB1 -		105	1105-57	1		207	1207-35	1	028		11. 8	
703	TDRB1 *-		115	1115-68	1		207	1207-32	1	028		9.32	
704	TDDR -		115	1115-66	1		207	1207- 2	1	028		4.68	
705	TD1 -		108	1108-38	1		110	1110- 2	1	028		1.20	
706	TD2 -		108	1108-41	1		110	1110- 3	1	028		1.60	
707	TD3 -		108	1108-40	1		110	1110- 4	1	028		1.20	
708	TD4 -		108	1108-39	1		110	1110- 5	1	028		1.60	
709	TD5 -		108	1108-21	1		110	1110- 6	1	028		3.40	
710	TD6 -		108	1108-66	1		111	1111- 2	1	028		6.28	
711	TEC -		105	1105-31	1		112	1112-35	2	028		3.82	
712	TEC -		112	1112-35	2		214	1214-15	2	028		4.20	
713	TEC -		214	1214-15	2		215	1215-39	2	028		2.70	
714	TEC -		215	1215-39	2		217	1217-48	2	028		2.20	
715	TEC -		217	1217-48	2		219	1219-50	2	028		1.40	
716	TEC -		219	1219-50	2		220	1220- 7	1	028		1.68	
717	TEC *-		120	1120-23	1		217	1217-42	1	028		5. 8	
718	TFC *-		105	1105-52	1		114	1114-67	2	028		5.70	
719	TFC *-		114	1114-67	2		115	1115-26	2	028		1.28	
720	TFC *-		115	1115-26	2		210	1210-17	1	028		7. 0	

Burroughs Corporation PROPRIETARY DATA - NOT FOR PUBLICATION D830 System

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070268	K-71593	A	4802-1237	23

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
721	TFP -		215	1215-42	1		217	1217-60	1	028		4.0	
722	TID1 -		215	1215-59	1		220	1220- 3	1	028		5.8	
723	TID2 -		215	1215-41	1		220	1220- 2	1	028		2.94	
724	TMRDR -		105	1105-24	1		108	1108-71	1	028		2.72	
725	TMRDR *-		108	1108-60	1		114	1114-22	1	028		3.60	
726	TMV -		106	1106-66	1		119	1119-21	2	028		7.42	
727	TMV -		119	1119-21	2		213	1213-17	2	028		8.20	
728	TMV -		213	1213-17	2		219	1219-70	1	028		4.52	
729	TMV *-		115	1115-63	1		119	1119-25	2	028		2.60	
730	TMV *-		119	1119-25	2		210	1210-38	1	028		5.98	
731	TRC1 -		119	1119- 2	1		120	1120- 5	1	028		1.10	
732	TRC1 *-		120	1120-50	1		211	1211-66	1	028		12.80	
733	TRC2 -		119	1119-38	1		120	1120- 3	1	028		0.90	
734	TRC2 *-		120	1120-43	1		211	1211-68	1	028		14.60	
735	TRP -		115	1115-33	1		208	1208-61	1	028		7.68	
736	TRSA -		115	1115-70	1		209	1209-53	1	028		5.60	
737	TRVP -		116	1116-69	1		213	1213-63	1	028		7.20	
738	TTB -		217	1217- 5	1		218	1218-60	2	028		4.10	
739	TTB -		218	1218-60	2		219	1219- 8	1	028		3.48	
740	TTBA -		219	1219-41	1		220	1220-48	1	028		1.90	
741	TTBR -		115	1115-28	1		207	1207-27	1	028		9.20	
742	TTD -		108	1108-23	1		114	1114-24	1	028		3.20	
743	TTDS -		108	1108-67	1		114	1114-26	1	028		3.60	
744	TTOR -		115	1115-64	1		208	1208-69	1	028		10.20	
745	T1 -		110	1110-24	1		112	1112-40	2	028		4.32	
746	T1 -		112	1112-40	2		114	1114-71	2	028		6.60	
747	T1 -		114	1114-71	2		115	1115-11	2	028		5.8	
748	T1 -		115	1115-11	2		120	1120-61	2	028		3.72	
749	T1 -		120	1120-61	2		122	1122-61	2	028		1.0	
750	T1 -		122	1122-61	2		210	1210-39	2	028		7.36	
751	T1 -		210	1210-39	2		214	1214-49	2	028		2.80	
752	T1 -		214	1214-49	2		218	1218-38	1	028		3.0	
753	T10 -		110	1110-57	1		112	1112-60	2	028		1.24	
754	T10 -		112	1112-60	2		114	1114-10	2	028		3.28	
755	T10 -		114	1114-10	2		119	1119-42	2	028		2.62	
756	T10 -		119	1119-42	2		210	1210-26	2	028		13.52	
757	T10 -		210	1210-26	2		212	1212-17	2	028		2.20	
758	T10 -		212	1212-17	2		218	1218-64	1	028		3.68	
759	T2 -		110	1110-25	1		112	1112-39	2	028		4.72	
760	T2 -		112	1112-39	2		114	1114- 2	2	028		1.40	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	8802-1181-501	070268	X-71593	A	8802-1237	24

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
761	T2 -		114	1114- 2	2		115	1115- 8	2	028		1.70	
762	T2 -		115	1115- 8	2		120	1120-60	2	028		4.12	
763	T2 -		120	1120-60	2		122	1122-71	2	028		2.60	
764	T2 -		122	1122-71	2		210	1210-11	1	028		7. 0	
765	T3 -		110	1110-59	1		112	1112- 6	2	028		3.88	
766	T3 -		112	1112- 6	2		114	1114-50	2	028		1.92	
767	T3 -		114	1114-50	2		115	1115-47	1	028		1.10	
768	T3 *-		112	1112-44	1		115	1115-62	1	028		4.20	
769	T4 -		110	1110-60	1		112	1112-53	2	028		1.80	
770	T4 -		112	1112-53	2		115	1115-10	2	028		2.26	
771	T4 -		115	1115-10	2		119	1119-23	2	028		3.40	
772	T4 -		119	1119-23	2		122	1122-34	2	028		2.80	
773	T4 -		122	1122-34	2		212	1212-50	1	028		6.72	
774	T5 -		110	1110-61	1		112	1112-46	2	028		3.40	
775	T5 -		112	1112-46	2		122	1122-64	2	028		6.44	
776	T5 -		122	1122-64	2		212	1212-58	1	028		8.60	
777	T6 -		108	1108-32	1		110	1110-20	2	028		2.80	
778	T6 -		110	1110-20	2		112	1112-58	2	028		1.20	
779	T6 -		112	1112-58	2		114	1114-12	2	028		2.48	
780	T6 -		114	1114-12	2		115	1115-17	2	028		1.50	
781	T6 -		115	1115-17	2		121	1121-13	2	028		3.32	
782	T6 -		121	1121-13	2		122	1122-41	2	028		1.90	
783	T6 -		122	1122-41	2		220	1220-32	1	028		13.52	
784	T7 -		110	1110-21	1		112	1112-61	2	028		1.12	
785	T7 -		112	1112-61	2		114	1114-51	2	028		2.40	
786	T7 -		114	1114-51	2		115	1115- 3	2	028		2.68	
787	T7 -		115	1115- 3	2		116	1116-63	2	028		5.10	
788	T7 -		116	1116-63	2		210	1210-27	2	028		8.92	
789	T7 -		210	1210-27	2		211	1211-62	2	028		0.50	
790	T7 -		211	1211-62	2		212	1212-51	2	028		2.70	
791	T7 -		212	1212-51	2		213	1213-60	2	028		2.30	
792	T7 -		213	1213-60	2		220	1220-28	1	028		4. 2	
793	T8 -		110	1110-22	1		112	1112-63	2	028		1.32	
794	T8 -		112	1112-63	2		119	1119-33	2	028		4.18	
795	T8 -		119	1119-33	2		122	1122-42	2	028		5.92	
796	T8 -		122	1122-42	2		212	1212-15	1	028		11.52	
797	T9 -		110	1110-56	1		112	1112-62	2	028		1.60	
798	T9 -		112	1112-62	2		121	1121-39	2	028		6.40	
799	T9 -		121	1121-39	2		211	1211-13	2	028		11.72	
800	T9 -		211	1211-13	2		220	1220- 6	1	028		5. 6	

Burroughs Corporation PROPRIETARY DATA - NOT FOR PUBLICATION D830 System

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070268	X-71593	A	4802-1237	25

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
801	UAPD -		107	1107-16	1		209	1209- 3	1	028		5.60	
802	VPCE -		110	1110-67	1		116	1116-70	2	028		3.24	
803	VPCE -		116	1116-70	2		118	1118-31	2	028		1.44	
804	VPCE -		118	1118-31	2		119	1119- 5	1	028		5.70	
805	VP1 -		105	1105-66	1		110	1110-33	2	028		2.94	
806	VP1 -		110	1110-33	2		116	1116-39	2	028		7.12	
807	VP1 -		116	1116-39	2		117	1117-27	1	028		5. 8	
808	VP1 *-		116	1116-38	1		117	1117-61	1	028		5.10	
809	VP2 -		105	1105-68	1		110	1110-34	2	028		3.10	
810	VP2 -		110	1110-34	2		116	1116-40	2	028		7.12	
811	VP2 -		116	1116-40	2		117	1117-63	1	028		5.10	
812	VP2 *-		116	1116-49	1		117	1117-25	1	028		2.68	
813	VP3 -		110	1110-35	1		116	1116-41	2	028		7.12	
814	VP3 -		116	1116-41	2		117	1117-32	1	028		5.68	
815	VP3 *-		105	1105-70	1		116	1116-48	2	028		7.26	
816	VP3 *-		116	1116-48	2		117	1117-66	1	028		4.10	
817	VP4 -		105	1105-69	1		110	1110-69	2	028		2.50	
818	VP4 -		110	1110-69	2		116	1116-42	2	028		6.60	
819	VP4 -		116	1116-42	2		117	1117-68	1	028		5.70	
820	VP4 *-		116	1116-47	1		117	1117-30	1	028		4. 8	
821	VP5 -		105	1105-35	1		110	1110-70	2	028		2.50	
822	VP5 -		110	1110-70	2		116	1116-43	2	028		6.60	
823	VP5 -		116	1116-43	2		117	1117-35	1	028		5.88	
824	VP5 *-		116	1116-46	1		117	1117-69	1	028		5.10	
825	VP6 -		110	1110-71	1		116	1116-58	2	028		4. 4	
826	VP6 -		116	1116-58	2		117	1117-71	1	028		3.10	
827	VP6 *-		105	1105-34	1		116	1116-44	2	028		7.38	
828	VP6 *-		116	1116-44	2		117	1117-33	1	028		5.28	
829	WCR-1 -		101	1101- 4	1		103	1103-50	1	028		2.32	
830	WCR-2 -		103	1103-51	1		201	1201- 4	1	028		5.92	
831	WP -		120	1120-63	1		208	1208-15	2	028		7.96	
832	WP -		208	1208-15	2		212	1212-62	1	028		2.92	
833	WSS -		107	1107-59	1		212	1212-34	1	028		11. 8	
834	WTP -		103	1103-10	1		212	1212-71	1	028		14.52	
835	WOS -		120	1120-41	1		208	1208- 4	1	028		9.92	
836	WOS *-		120	1120-11	1		208	1208-38	1	028		8.60	
837	XAM1 -		201	1201- 3	1		202	1202-22	1	028		4.30	
838	XAM10 -		201	1201-31	1		202	1202-47	1	028		4.30	
839	XAM2 -		201	1201-30	1		202	1202-23	1	028		1.90	
840	XAM3 -		201	1201-10	1		202	1202-52	1	028		1.50	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	8802-1181-501	070268	X-71593	A	8802-1237	26

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
841	XAM4 -		201	1201-26	1		202	1202-51	1	028		2.50	
842	XAM5 -		201	1201-44	1		202	1202-24	1	028		3.48	
843	XAM6 -		201	1201-60	1		202	1202-25	1	028		0.90	
844	XAM7 -		201	1201- 6	1		202	1202-50	1	028		1.90	
845	XAM8 -		201	1201-51	1		202	1202-49	1	028		0.90	
846	XAM9 -		201	1201-25	1		202	1202-48	1	028		2.90	
847	XA1 -		107	1107-12	1		202	1202-32	1	028		12.80	
848	XA10 -		107	1107- 2	1		202	1202-42	1	028		9.68	
849	XA2 -		107	1107-11	1		202	1202-33	1	028		13.20	
850	XA3 -		107	1107-17	1		202	1202-38	1	028		5.88	
851	XA4 -		107	1107- 5	1		202	1202-39	1	028		8.48	
852	XA5 -		107	1107- 4	1		202	1202-34	1	028		14.80	
853	XA6 -		107	1107-10	1		202	1202-35	1	028		13.80	
854	XA7 -		107	1107- 3	1		202	1202-40	1	028		9. 8	
855	XA8 -		107	1107-40	1		202	1202-41	1	028		9. 0	
856	XA9 -		107	1107-44	1		202	1202-43	1	028		8.60	
857	XBIOR -		207	1207-10	1		210	1210-44	1	028		1.70	
858	XBIOR *-		115	1115-38	1		210	1210-14	1	028		11.12	
859	XDRB1 *-		105	1105-13	1		115	1115-39	1	028		5.60	
860	XFA -		105	1105-60	1		210	1210-21	1	028		8.28	
861	XFAS -		105	1105-47	1		210	1210-53	1	028		10. 0	
862	XFAS *-		105	1105-59	1		210	1210-33	1	028		10.88	
863	XFID *-		105	1105-14	1		115	1115-27	1	028		6. 4	
864	XIP *-		112	1112-64	1		221	1221-32	1	028		10.48	
865	XMIT -		105	1105-12	1		111	1111-63	2	028		4.12	
866	XMIT -		111	1111-63	2		119	1119-51	2	028		4.96	
867	XMIT -		119	1119-51	2		210	1210- 4	2	028		7.32	
868	XMIT -		210	1210- 4	2		221	1220-61	1	028		6.48	
869	XMIT *-		114	1114-49	1		210	1210-35	2	028		12.92	
870	XMIT *-		210	1210-35	2		218	1218-51	1	028		5.52	
871	XMITA -		119	1119-15	1		208	1208-20	2	028		11. 0	
872	XMITA -		208	1208-20	2		210	1210-15	2	028		1.40	
873	XMITA -		210	1210-15	2		214	1214-71	1	028		4.72	
874	XMITA *-		105	1105-40	1		210	1210-52	2	028		11.20	
875	XMITA *-		210	1210-52	2		221	1221-31	1	028		6.90	
876	XMR *-		210	1210-23	1		212	1212-13	1	028		2.40	
877	XMRDR *-		114	1114-11	1		210	1210-63	1	028		11.88	
878	XR -		210	1210-12	1		218	1218-44	1	028		4.12	
879	XSFT -		115	1115-32	1		207	1207-49	2	028		5.80	
880	XSFT -		207	1207-49	2		210	1210- 3	1	028		2.68	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	4802-1181-501	070268	X-71593	A	4802-1237	27

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
881	XSNF -		210	1210-34	1		212	1212-66	1	028		1.12	
882	YAM1 -		101	1101- 3	1		102	1102-22	1	028		4.30	
883	YAM10 -		101	1101-31	1		102	1102-47	1	028		4.30	
884	YAM2 -		101	1101-30	1		102	1102-23	1	028		1.90	
885	YAM3 -		101	1101-10	1		102	1102-52	1	028		1.50	
886	YAM4 -		101	1101-26	1		102	1102-51	1	028		2.50	
887	YAM5 -		101	1101-44	1		102	1102-24	1	028		3.48	
888	YAM6 -		101	1101-60	1		102	1102-25	1	028		0.90	
889	YAM7 -		101	1101- 6	1		102	1102-50	1	028		1.90	
890	YAM8 -		101	1101-51	1		102	1102-49	1	028		0.90	
891	YAM9 -		101	1101-25	1		102	1102-48	1	028		2.90	
892	YA1 -		102	1102-32	1		107	1107-23	1	028		3.22	
893	YA10 -		102	1102-42	1		107	1107-52	1	028		3.30	
894	YA2 -		102	1102-33	1		107	1107- 7	1	028		6.20	
895	YA3 -		102	1102-38	1		107	1107-21	1	028		4.88	
896	YA4 -		102	1102-39	1		107	1107- 8	1	028		3.10	
897	YA5 -		102	1102-34	1		107	1107- 6	1	028		6.60	
898	YA6 -		102	1102-35	1		107	1107-22	1	028		3.60	
899	YA7 -		102	1102-40	1		107	1107-46	1	028		2.98	
900	YA8 -		102	1102-41	1		107	1107-53	1	028		3.46	
901	YA9 -		102	1102-43	1		107	1107-48	1	028		2.90	
902	ORE -		105	1105-17	1		208	1208-43	1	028		6.32	
903	OREA -		105	1105-22	1		210	1210-59	1	028		8.92	
904	OR1 -		111	1111-22	1		115	1115-69	2	028		2.92	
905	OR1 -		115	1115-69	2		208	1208-60	1	028		7.40	
906	OR1 *-		105	1105-53	1		208	1208-23	1	028		9.68	
907	OR1S -		207	1207-46	1		208	1208-66	1	028		4.50	
908	OR2 -		111	1111-56	1		207	1207-50	2	028		7.40	
909	OR2 -		207	1207-50	2		208	1208-59	1	028		2.30	
910	OR2 *-		105	1105-16	1		208	1208-22	1	028		9.60	
911	OR2S -		207	1207-43	1		208	1208-67	1	028		5.30	
912	OR3 -		111	1111-57	1		207	1207-52	2	028		7.60	
913	OR3 -		207	1207-52	2		208	1208-71	1	028		4.30	
914	OR3S -		207	1207-44	1		208	1208-70	1	028		5.70	
915	OR4 -		111	1111-58	1		207	1207-57	2	028		8.40	
916	OR4 -		207	1207-57	2		208	1208-35	1	028		3. 8	
917	OR4S -		207	1207-64	1		208	1208-33	1	028		1.28	
918	OR5 -		111	1111-51	1		207	1207-25	2	028		10.52	
919	OR5 -		207	1207-25	2		208	1208-62	1	028		0.50	
920	OR5S -		207	1207-67	1		208	1208-34	1	028		0.94	

WIRE LIST NAME	NEXT ASS'Y. NO.	DATE	LCN/ECN NO.	Rev.	WIRE LIST NO.	SHEET
TWA AGENT SET	8802-1181-501	070268	X-71593	A	8802-1237	28

SEQUENCE NO.	SIGNAL NAME	WIRE NO. OF SET	FROM			ROUTING	TO			WIRE			NOTE
			LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES		LOGIC PAGE	REF. DES. & TERM	NO. OF WIRES	TYPE	COLOR	LENGTH	
921	OR6 -		111	1111-52	1		207	1207-58	2	028		9.80	
922	OR6 -		207	1207-58	2		208	1208-63	1	028		1.50	
923	OR6S -		207	1207-66	1		208	1208-32	1	028		1.10	
924	OR7 -		111	1111-53	1		207	1207-59	2	028		9.80	
925	OR7 -		207	1207-59	2		208	1208-64	1	028		1.50	
926	10CPSO -		113	1113-14	1		219	1219-11	1	028		8.40	
927	30SEC -		113	1113-13	1		219	1219-26	1	028		11.60	

Burroughs Corporation PROPRIETARY DATA - NOT FOR PUBLICATION D830 System